DATA PROCESSING BRANCH **USAFETAC** Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

RICKENBACKER AFB OH

N 39 49 W 082 56 FLD ELEV 744 FT

WBAN# 13812

WMO #

PARTS A-F

POR FROM HOURLY OBS: MAR 67 - DEC 70, JAN 73 - FEB 79

POR FROM DAILY OBS: MAR 51 - FEB 79

JUL 1 8 1979

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FOR THE COMMANDER

Walters Burg

James N. Mellican

WA074667

DDC ACCESSION NUMBER

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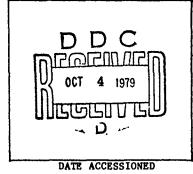
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| I REPORT NUMBER | 2 GOVT ACCESSION NO. | 3. RECIPIENT'S CATALOG NUMBER |
| USAFETAC/DS-79/041 | | |
| 4 TITLE (and Subtitle) | | 5 TYPE OF REPORT & PERIOD COVERED |
| Revised Uniform Summary of Surface N Observations (RUSSWO)- Rickenbacker | Neather AFR. | Final rept. |
| Columbus, Ohio | תו טן | 6 PERFORMING ORG REPORT NUMBER |
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| 7 AUTHOR(a) | | 8. CONTRACT OR GRANT NUMBER(3) |
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| 9 PERFORMING ORGANIZATION NAME AND ADDRESS | | 10 PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS |
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| 18 SUPPLEMENTARY NOTES | | |
| 10 SUBSCEMENTARY NOTES | | |
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| | | |
| 19 KEY WORDS (Continue on reverse side II necessary and *RUSSWO Daily temperate | | |
| *RUSSWO Daily temperat Snowfall Extreme snow o | | ospheric pressure reme surface winds |
| Climatology Sea-level pres | | chrometric summary |
| Surface Winds Extreme temper | rature Ceil | ing versus visibility |
| Relative humidity *Climatological | data | (over) |
| 20 ABSTRACT (Continue on reverse elde II necessary end This report is a six-part statistica | Identify by block number) | oface weather observations for |
| Rickenbacker AFB, Columbus, Ohio | i summary or sur | race weather observations for |
| It contains the following parts: (A) | Weather Conditi | ons: Atmospheric Phenomena: |
| (B) Precipitation, Snowfall and Snow | /Depth (daily am | munts and extreme values): |
| (L) Surface Winds; (D) Leiling Versu | is Visibility: Sk | v Cover: (F) Psychrometric |
| Summaries (daily maximum and minimum | 1 temperatures, e | extreme maximum and minimum |
| temperatures, psychrometric summary | or wet-bulb temp | erature depression versus |
| dry-bulb temperature, means and stan | | |
| DD 1 JAN 73 1473 | NU NU | CLASSIFIED |

19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

+ Ohio

Rickenbacker AFB OH

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

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SECURITY CLASSIFICATION OF THIS PAGE/When Data Enlarge

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hoursy Observations are defined as those record or record-special, observations recorded at scheduled I welly intervals.

DAILY OBSERVATIONS

DESCRIPTION OF SUMMARIES

thiress others lise-noted the following summaries are included for this station:

ATMOSPHERIC PHENOMENA

PART & PRECIPITATION ,

SNOWFALL

SHOW DEPTH

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

PRYCHROMETRIC DRY VS WET BULB

MEAN & STO DEV . (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART P. STATION PRESSURE

SEA LEVEL PRESSURE

MISSING HOUR GROUPS

| £A N | MFY | APRIL | JULY - | • | OCTO BER |
|------|-----|-------|-----------|----|----------|
| • • | ř 1 | MAY | AUGIRIT | | HOVERBER |
| ٧. | * | June | GEPTEMBER | .' | DECEMBER |
| | | | | | • |

HUNSER PATE SURFACE MIND FORESTERN INFORMATION LOCATION (I) CHANGE REMARKS, ADDITIONAL EQUIPMENT. OR REASON FOR CHANGE TYPE OF RECORDER HT ABOVE GROUND TYPE OF TRANSMITTER LOCATION 1. Located near touchdown point of Peb 63 rnwy 23L, 1300 ft from the end and 500 ft left of centerline. 2. Located near touchdown point of Same Same rnwy 05R, 1000 ft from the end and 500 ft right of centerline. 9 Mar 66 1. Located 800 ft from end of rnwy Same Same Same 23L, 900 ft from centerline. 2. Same Same Same Jul 66 1. Located 1500 ft from end of rnwy 10 Same Same Same 23L, 500 ft from centerline. Same Same 2. Same 1.1 Jul 70 1. Same /µ/€₩Ω-50 RO-362 Same 2. Same Same Same Feb 79 Same Same 12 1. ame Same 2. Same Same Same

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ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART A

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WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.

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2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, spellets from Jan 68 and later. (Snow pellets also know oft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

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Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLUGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

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PERCENTAGE FREQUENCY OF UCCURRENCE OF WEATHER CONDITIONS FROM HOURLY DRSERVATIONS

| нтиом | HOURS (L S T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMORE AND/OR HAZE | \$LOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|------------------|------------------------|------------------------------------|-------------------------|
| 144 | 00-02 | •1 | 8.0 | 1.7 | 18.4 | | 27.3 | 14.3 | 4.2 | 1.5 | | 16.5 | 930 |
| | 03-05 | •5 | 9.1 | 1.2 | 21.3 | | 30.9 | 16.3 | 2.2 | 2.2 | | 20.1 | 430 |
| | 06-08 | •1 | 9.7 | .6 | 22.5 | | 31.7 | 19.1 | 7.1 | 2.3 | | 25.5 | 930 |
| | 09-11 | | 8.2 | 1.2 | 21.6 | | 30.4 | 17.5 | 16.7 | 2.7 | | 33.0 | 930 |
| | 12-14 | | 7,6 | .5 | 14.6 | | 22.3 | 13.7 | 17.5 | 2.8 | | 31.2 | 930 |
| | 15-17 | •1 | 6.9 | .8 | 15.2 | | 22.3 | 12.3 | 16.9 | 1.8 | | 28.6 | 930 |
| | 18-20 | •2 | 7.1 | .8 | 13.5 | | 20.8 | 12.1 | 12.7 | 2.2 | | 25.2 | 929 |
| | 21-23 | •1 | 7.4 | 1.1 | 14.5 | | 22.5 | 12.4 | 7,6 | 1.6 | | 19.8 | 930 |
| | | | | | | | | | | | , | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 8.0 | 1.0 | 17.7 | | 26.0 | 14.7 | 10.6 | 2.1 | | 25.4 | 7439 |

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PERCENTAGE FREQUENCY OF DCCURRENCE OF WEATHER CONDITIONS FROM HOURLY DBSERVATIONS

| MONTH | HOURS (L S.T.) | YHUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OEST TO VISION | TOTAL NO. OF OBS. |
|--------------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| FEo | 00-02 | • 5 | 7,3 | , 8 | 9,9 | | 17.5 | 9.3 | 3.2 | | | 11.8 | 846 |
| | 03-05 | • 1 | 6.9 | 1.5 | 11.0 | | 18.9 | 11.2 | 3.5 | .4 | | 13.6 | 846 |
| ! | 06-08 | | 6.6 | 1.8 | 13.0 | | 20.7 | 14.2 | 8.3 | .1 | | 19.5 | 646 |
| | 09-11 | | 5,6 | • 8 | 14.8 | | 20.6 | 15.0 | 17.6 | . 1 | | 28.8 | 846 |
| | 12-14 | | 6.4 | .5 | 13.2 | | 19.5 | 8.3 | 17.6 | • 1 | | 24.2 | 846 |
| | 15-17 | •1 | 5.6 | .4 | 11.3 | | 17.3 | 8.6 | 13.8 | •1 | | 21.9 | 846 |
| | 18-20 | •6 | 6.2 | • 5 | 10.2 | | 16.4 | 9.4 | 6.5 | . 8 | | 15.9 | 844 |
| | 21-23 | •1 | 6,3 | .4 | 11.2 | | 17.6 | 9.8 | 3.7 | •1 | | 12.9 | 843 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | •2 | 6.4 | .8 | 11.8 | | 18.6 | 10.7 | 9.3 | •2 | | 18.6 | 6763 |

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY UBSERVATIONS

| монтн | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|---------------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| MAR | 00-02 | •8 | 11.1 | .4 | 7.0 | | 17.8 | 12.0 | 3.7 | • 4 | | 14.7 | 930 |
| | 03-05 | 1.2 | 13,9 | .4 | 6.3 | | 20.2 | 13.5 | 3.4 | •3 | | 16.2 | 930 |
| | 06-08 | | 11.0 | . 4 | 7.7 | | 18.3 | 21.0 | 10.1 | •1 | | 27.3 | 930 |
| | 09-11 | .1 | 10.0 | . 3 | 7.8 | | 17.7 | 15.4 | 13.0 | • 9 | | 26.7 | 930 |
| | 12-14 | | 8.4 | • 2 | 4.8 | | 13.1 | 9.7 | 10.0 | .3 | | 17.7 | 930 |
| | 15-17 | .3 | 10.2 | | 4.9 | | 14.7 | · 7. 8 | 6.7 | • 3 | | 13.9 | 930 |
| | 18-20 | ,6 | 11.5 | .6 | 4.8 | | 16.8 | 9.4 | 6.0 | • 1 | | 14.4 | 930 |
| | 21-23 | 1.0 | 11.6 | .3 | 5.7 | | 17.2 | 10.0 | 3.3 | | | 12.6 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | ,5 | 11.0 | .3 | 6.1 | | 17.0 | 12.4 | 7.0 | .3 | <u></u> | 17.9 | 7440 |

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PERCENTAGE FREQUENCY OF UCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| нтиом | HOURS (L S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | SHOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---------------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|------|------------------------|------------------------------------|-------------------------|
| APR | 00-02 | • 7 | 9.8 | | •9 | | 10.3 | 2.2 | 1.7 | | . 1 | 3.8 | 899 |
| | 03-05 | 1.2 | 11.3 | | 1.3 | | 12.6 | 5.1 | 2.8 | | | 7.2 | 900 |
| | 06-08 | • 4 | 11.8 | | 1.2 | | 13.0 | 14.4 | 10.2 | | | 21.3 | 900 |
| | 09-11 | ,6 | 12.2 | | 1.3 | | 13.5 | 6.1 | 8.1 | | | 13.6 | 899 |
| | 12-14 | . 3 | 11.2 | | . 9 | | 11.8 | 4.1 | 6.2 | | | 9.8 | 900 |
| | 15-17 | 1.2 | 11.6 | | .4 | | 11.9 | 3.4 | 3.4 | | | 6.6 | 900 |
| | 18-20 | 1.1 | 10.6 | ,1 | • 3 | | 11.0 | 3.0 | 4.1 | | | 6.8 | 900 |
| | 21-23 | 1.8 | 9,7 | | . 4 | | 10.1 | 2.2 | 1.7 | | | 3.5 | 898 |
| - | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .9 | 11.0 | .0 | .8 | | 11.8 | 5.1 | 4.8 | | .0 | 9.1 | 7196 |

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| STATION | STATION NAME | YEARS | MONTH |

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PERCENTAGE FREQUENCY OF DCCURRENCE OF WEATHER CONDITIONS FROM HOURLY UBSERVATIONS

| нтиом | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. ~ OBS. |
|----------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|----------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| HAY | 00-02 | 1.5 | 10,1 | | | | 10.1 | 10.6 | 7.3 | | | 15.1 | 930 |
| | 03-05 | 1.1 | 11.6 | | | | 11.6 | 21.9 | 9,5 | | | 25.7 | 930 |
| | 06-08 | •6 | 10.8 | | | | 10.8 | 29.0 | 21.1 | | | 40.5 | 930 |
| | 09-11 | •6 | 9.9 | | | | 9,9 | 8.9 | 17.8 | | | 24.4 | 930 |
| | 12-14 | 1.8 | 8.9 | | | | 8.9 | 4.3 | 9.9 | | | 13.2 | 930 |
| | 15-17 | 3.0 | 8.0 | | | <u> </u> | 8.0 | 3.5 | 8.4 | | | 11.5 | 930 |
| | 18-20 | 4.6 | 9.7 | | | | 9.7 | 4.4 | 10.2 | | | 14.0 | 929 |
| <u> </u> | 21-23 | 3.1 | 11.1 | | | | 11.1 | 6.5 | 7.8 | | | 13.2 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 2.0 | 10.0 | | | | 10.0 | 11.1 | 11.5 | | | 19.7 | 7439 |

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| монтн | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---------------------------------------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|---------|------------------------|------------------------------------|---------------------------------------|
| אטנ | 00-02 | 2.4 | 5.9 | | | | 5.9 | 9.7 | 12.3 | | | 19.7 | 900 |
| · · · · · · · · · · · · · · · · · · · | 03-05 | 2.0 | 6.8 | | | | 6.8 | 25.3 | 18.0 | | | 35.0 | 900 |
| | 06-08 | •9 | 5,9 | | | | 5,9 | 32.3 | 32.8 | | | 51.6 | 899 |
| | 09-11 | •4 | 5.0 | | | | 5.0 | 7.6 | 26.2 | | | 30.8 | 900 |
| | 12-14 | 3.4 | 8.1 | | | | 8.1 | 3.0 | 19.1 | | | 21.0 | 900 |
| | 15-17 | 7.3 | 8.6 | | | | 8.6 | 1.4 | 16.4 | | | 17.3 | 900 |
| | 18-20 | 5.9 | 9.2 | | | | 9.2 | 3.2 | 16.0 | | | 18.4 | 900 |
| | 21-23 | 4.8 | 7.0 | | | | 7.0 | 5.0 | 12.9 | | | 17.3 | 900 |
| | | | | | | | | | | | | | |
| | | | | - | | | | | | | | | · · · · · · · · · · · · · · · · · · · |
| | | | | | | | | | | | | | |
| TOTALS | | 3,4 | 7.1 | | | | 7.1 | 10.9 | 19.2 | | | 26.4 | 7199 |

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WEATHER CONDITIONS

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| нтиом | HOURS (L S T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|---------|------------------------|------------------------------------|-------------------------|
| JUL | 00-02 | 2.0 | 4.4 | | | | 4.4 | 11.8 | 19.5 | | | 27.3 | 930 |
| | 03-05 | 1.2 | 3.8 | | | | 3.8 | 30.6 | 25.1 | | | 43.8 | 930 |
| | 06-08 | .9 | 3,4 | | | | 3.4 | 42.0 | 42.4 | | | 64.2 | 930 |
| | 09-11 | 1.1 | 3.4 | | | | 3.4 | 10.5 | 38.5 | | | 44.3 | 930 |
| | 12-14 | 2.8 | 5.2 | | | | 5.2 | 1.8 | 31.2 | | | 32.3 | 930 |
| | 15-17 | 5.3 | 5.9 | | | | 5.9 | 1.5 | 26.9 | | | 28.0 | 930 |
| | 18-20 | 4.8 | 5.7 | | | | 5.7 | 3.0 | 25.9 | | | 27.1 | 930 |
| | 21-23 | 4.5 | 6.9 | | | | 6.9 | 4.8 | 22.4 | | | 24.7 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 2.9 | 4.8 | | | | 4.8 | 13.3 | 29.0 | | | 36.5 | 7440 |

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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| MONTH | HOURS (L S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| AUG | 00-02 | 1.8 | 4.8 | | | | 4.8 | 18.3 | 21.1 | | | 31.6 | 929 |
| | 03-05 | 1.9 | 6.5 | | | | 6.5 | 37.8 | 24.2 | | | 46.6 | 930 |
| | 06-08 | 1.8 | 5.8 | | | | 5.8 | 61.2 | 44.2 | | | 73.4 | 930 |
| | 09-11 | 1.0 | 5.3 | | | | 5.3 | 14.0 | 43.5 | | | 50.6 | 930 |
| | 12-14 | 2 • 2 | 4.7 | | | | 4.7 | 2.6 | 30.5 | | | 33.0 | 930 |
| | 15-17 | 3.5 | 5.4 | | | | 5.4 | 2.4 | 26.0 | | | 27.5 | 930 |
| | 18-20 | 4.1 | 6,3 | | | | 6.3 | 3.5 | 25.9 | | | 28.2 | 930 |
| | 21-23 | 2.0 | 5,8 | | | | 5.8 | 7.0 | 18.7 | | | 23.5 | 930 |
| | | | | | | | | | | | | | |
| | | | | | _ | | | _ | | | | | |
| TOTALS | | 2.3 | 5,6 | | | | 5,6 | 18.4 | 29.3 | | | 39.3 | 7439 |

USAFETAC $\frac{\text{PORM}}{\text{JULY 64}}$ 0-10-5(OL. A), previous editions of this porm are obsolete

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

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PERCENTAGE FREQUENCY OF DCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| монтн | HOURS (L S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SHOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|---------------------------------------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| SEP | 00-02 | 1.2 | 6.4 | | | | 6.4 | 17.4 | 13.9 | | | 24.8 | 900 |
| | 03-05 | •6 | 6.3 | | | | 6.3 | 29.1 | 14.1 | | | 34.2 | 900 |
| | 06-08 | •6 | 8.6 | | | | 8.6 | 48.0 | 28.2 | | | 58.4 | 900 |
| | 09-11 | .1 | 6.7 | | | | 6.7 | 13.0 | 30.4 | | | 38.7 | 900 |
| | 12-14 | 1.0 | 5,3 | | | | 5.3 | 3.0 | 18.4 | | | 20.8 | 900 |
| | 15-17 | 2.0 | 7.6 | | | | 7.6 | 2.4 | 17.4 | | | 19.3 | 900 |
| | 18-20 | 1.7 | 6.1 | | | | 6.1 | 4.2 | 18.4 | | | 21.0 | 900 |
| | 21-23 | 1.6 | 5,2 | | | | 5.2 | 7.7 | 14.0 | | | 18.3 | 900 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.1 | 6.5 | | | , , , , , , , , , , , , , , , , , , , | 6.5 | 15.6 | 19.4 | | | 29.4 | 7200 |

USAFETAC PORM 0-10-5(OL A), PREVIOUS EDITIONS OF THRE FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC ÄIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

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RICKENBACKER AFB OH

67-70,73-78

••C T

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | fOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AHD/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|-------------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|----------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| UCT | 00-02 | • 3 | 9.7 | | • 2 | | 9.9 | 12.0 | 4.9 | | | 13.7 | 930 |
| | 03-05 | • 4 | 9.7 | | | | 9.7 | 18.6 | 6.1 | | | 21.1 | 930 |
| | 96 - 08 | •9 | 10.3 | | • 1 | | 10.5 | 28.3 | 16.6 | | | 36.7 | 928 |
| | 0911 | .3 | 8,3 | | • 5 | <u> </u> | 8.8 | 13.4 | 21.7 | | | 30.6 | 930 |
| | 12-14 | | 9,8 | | | | 9.8 | 4.5 | 12.4 | | ,1 | 15.9 | 930 |
| | 15-17 | •1 | 10.2 | | | | 10.2 | 5.6 | 8.6 | | | 12.9 | 930 |
| | 18-20 | 5 | 9,8 | | | | 9.8 | 5.9 | 5.9 | | | 10.6 | 93(|
| | 21-23 | 3 | 9,5 | | • 2 | | 9.7 | 7.0 | 5.2 | | | 10.0 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .4 | 9.7 | | .1 | | 9.8 | 11.9 | 10.2 | | •0 | 18.9 | 743 |

USAFETAC $_{\rm RAY\,64}^{\rm FORM}$ 0-10-5(OL, A), previous epitions of this form are obsolete

GLOBAL CLIMATOLOGY BRANCH USAFFTAL AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

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VON

PFRCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FRUM HOURLY OBSERVATIONS

| MONTH | HOURS (LST.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | fOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|-------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| NOV | 00-02 | •1 | 10.1 | | 4.1 | | 13.0 | 10.1 | 4.3 | | | 12.4 | 900 |
| | 03-05 | | 10.9 | | 3.2 | | 13.1 | 15.2 | 4,9 | | | 18.1 | 900 |
| | 06-08 | • 3 | 11.9 | | 3.6 | | 15.1 | 23.0 | 8.9 | | | 27.2 | 900 |
| | 09-11 | •1 | 10,9 | | 5.6 | | 16.3 | 18.4 | 18,1 | | | 31.0 | 900 |
| | 12-14 | • 4 | 11.4 | | 4.0 | | 15,3 | 9•0 | 13.1 | | | 19.4 | 900 |
| | 15-17 | • 4 | 13.3 | | 2.6 | | 15.4 | 6.1 | 10.8 | | | 15.6 | 900 |
| | 18-20 | .1 | 11.6 | | 2.8 | · | 13.9 | 7.1 | 7.8 | | | 13.6 | 900 |
| | 21-23 | .1 | 11.2 | • 2 | 4.0 | | 14.6 | 8 • 2 | 4,3 | | | 11.2 | 900 |
| | | | | | | | | | | | | | |
| | | | | , | | | | | | | | | |
| TOTALS | | • 2 | 11.4 | •0 | 3.7 | | 14.6 | 12.1 | 9.0 | | | 18.6 | 7200 |

USAFETAC ART 44 0-10-5(OL A), PREVIOUS ROTTONS OF THE FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

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DEC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| монтн | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE ANB/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | X OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| DEC | 00-02 | | 10.5 | .8 | 10.0 | | 20.7 | 11.0 | 3.2 | • 4 | | 13.6 | 929 |
| | 03-05 | • 2 | 10.4 | 1.0 | 13.3 | | 23.9 | 12.7 | 2.4 | •3 | | 15.1 | 930 |
| | 06-08 | | 11.6 | .8 | 12.2 | | 24.0 | 15.5 | 5.9 | •3 | | 20.1 | 930 |
| | 09-11 | | 11.1 | .6 | 11.9 | | 22.5 | 18.1 | 16.1 | •4 | | 29.7 | 930 |
| | 12-14 | | 9,8 | .5 | 8.6 | | 18.4 | 10.0 | 1 | 3 | | 19.9 | 930 |
| | 15-17 | •1 | 11.9 | .5 | 11.0 | | 23.1 | 11.5 | 10.1 | • 3 | | 20.2 | 930 |
| | 18-20 | .1 | 10.8 | •9 | 10.5 | | 21.7 | 10.8 | 4.2 | .4 | | 14.2 | 928 |
| | 21-23 | | 10.8 | . 5 | 8.8 | | 20.0 | 9.0 | 2.9 | . 5 | | 12.1 | 927 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 10.9 | .7 | 10.8 | | 21.8 | 12.3 | 7.1 | .4 | | 18.1 | 7434 |

USAFETAC FORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

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ALL

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM POURLY OBSERVATIONS

| MONTH | HOURS (LS.T) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---------------|-----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| 1 V !4 | ALL | • 1 | 8.0 | 1.0 | 17.7 | | 26.0 | 14.7 | 10.6 | 2.1 | | 25•4 | 7439 |
| FEB | | • 2 | 6.4 | , R | 11.8 | | 18.6 | 10.7 | 9.3 | • 2 | | 18.6 | 6763 |
| HAR | | .5 | 11.0 | . 3 | 6.1 | | 17.0 | 12.4 | 7.0 | • 3 | | 17.9 | 7440 |
| APR | | .9 | 11.0 | .0 | 8. | | 11.8 | 5.1 | 4.8 | | .0 | 9.1 | 7196 |
| MAY | | 2.0 | 10.0 | | | | 10.0 | 11.1 | 11.5 | | | 19.7 | 7439 |
| JUI | | 3.4 | 7.1 | | | | 7.1 | 10.9 | 19.2 | | | 26.4 | 7199 |
| JUL | | 2.9 | 4.8 | | | | 4.8 | 13.3 | 29.0 | | | 36.5 | 7440 |
| AUG | | 2.3 | 5.6 | | | | 5.6 | 18.4 | 29.3 | | | 39.3 | 7439 |
| SEP | | 1.1 | 6.5 | | | | 6.5 | 15.6 | 19.4 | | | 29.4 | 7200 |
| UCT | | .4 | 9,7 | | •1 | | 9.8 | 11.9 | 10.2 | | ,0 | 18.9 | 7438 |
| NOV | | •2 | 11.4 | •0 | 3.7 | | 14.6 | 12.1 | 9.0 | | | 18.6 | 7200 |
| DEC | | •1 | 10.9 | .7 | 10.8 | , | 21.8 | 12.3 | 7.1 | •4 | | 18•1 | 7434 |
| TOTALS , | | 1.2 | 8.5 | • 2 | 4.3 | | 12.8 | 12.4 | 13.9 | • 3 | •0 | 23.2 | 87627 |

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICK | ENRACK | | M MANE | | | 68 | -70,73 | -79 | TEARS | | | | ЈАП нешти |
|------------------|---------|--------|-------------|--------|---------|-----------------|---------|-------------------|--------------|-------|-------------|------|-----|---------------------|
| | | _ | | | | ALL W | FATHER | · | - | | | | 000 | 0=0200 B (LS.T.) |
| | | _ | | | | co ₁ | IDITION | | | | | | | |
| _ | <u></u> | | | | | | | | | | | | | |
| - | SPEED | 1.3 | 1 4.4 | 7 - 10 | 11 - 16 | 17 . 21 | 22 . 27 | 28 . 33 | 34.40 | 41.47 | 48.55 | > 54 | • | MEAN WIND |

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-------------------|-------|----------|----------|----------|---------|---------|-------------|---------|---------|-----|-------|-----------------------|
| N | .9 | 1.7 | 1.0 | 1.0 | .2 | 1 | | | | | | 4.8 | 8. |
| NNE | 8. | .9 | • 8 | •4 | . 1 | | | | | | | 2.9 | 7• |
| NE | .6 | .8 | | • 2 | | | | | | | | 2.0 | 5. |
| ENE | 1.7 | 2.0 | 1.1 | | | | | | | | | 4.8 | |
| E | •9 | 1.5 | •6 | • 3 | | | | | | | | 3.3 | 5• |
| ESE | •6 | 1.0 | •2 | | | | | | | | | 1.8 | |
| SE | 1.2 | . 8 | •4 | 1 | | | | | | | | 2.5 | 4. |
| SSE | 1.2 | 1.2 | •6 | • 5 | | | | 1 | | | | 3.5 | |
| S | 2.6 | 5.3 | 3.2 | 1.6 | • 5 | • 1 | •1 | | | | | 13.4 | |
| SSW | 1.0 | 2.6 | | • 5 | .4 | • 1 | | .1 | | | | 7.7 | 7. |
| sw | 1.4 | 2.0 | 2.3 | 1.5 | .1 | | | .1 | | | | 7.4 | 7. |
| WSW | .3 | 1.8 | 2.0 | | .2 | .2 | •2 | | | | | 7.0 | |
| w | .9 | 2.7 | 4.3 | 3.9 | 1,3 | •1 | •1 | | | | | 13.2 | |
| WNW | •5 | 1.6 | | 1.0 | | | | | | | | 6.7 | 9. |
| NW | .3 | 1.7 | | •6 | | | | | | | | 4.7 | 7. |
| NNW | •1 | .4 | .9 | •3 | .1 | | | | | | | 1.8 | 8. |
| VARBL | | | | | | | | | | | | | |
| CALM | $\supset \subset$ | > < | \times | \times | \times | > < | >> | $\supset <$ | > < | > < | >< | 12.2 | |
| | 15.6 | 28.0 | 24.9 | 14.2 | 3.9 | .6 | .4 | .2 | | | | 100.0 | 6. |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0 8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "\$ OF OBS WITH PRECIP" and "\$ OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WRAN data prior to January 1949.

Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

GLOBAL CLIMATOLOGY BRANCH USAFFTAC 'AIR WEATHER SERVICE/MAC

ATMUSPHERIC PHENOMENA

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13812 RICKENBACKER AFB DH STATION NAME

PERCENTAGE UF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | fOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JAN I | AILY | 2.5 | 32.9 | 6.7 | 47.2 | | 66,2 | 41.4 | 56.2 | 6.1 | | 68.3 | 868 |
| FEB | | 1.8 | 34.0 | 4.7 | 42.7 | • 3 | 63.2 | 41.7 | 56.9 | 4.0 | | 67.4 | 791 |
| MAR | | 7,8 | 43.8 | 2.3 | 30.6 | 1.0 | 62.8 | 41.9 | 50.7 | 2.4 | | 61.1 | 868 |
| APR | | 14.3 | 53.4 | .4 | я,3 | 1.7 | 56.1 | 34.6 | 42,8 | .1 | | 53.0 | 839 |
| чач | | 22.1 | 51.4 | | .3 | 1.2 | 51.4 | 42.7 | 46.7 | | .1 | 57.4 | 868 |
| JUN | | 27.5 | 44.8 | | | •6 | 44.8 | 50.2 | 62.7 | | | 69.0 | 840 |
| JUL | | 28.1 | 45.2 | | | • 7 | 45,2 | 53.2 | 67.9 | | .1 | 72.8 | 868 |
| AUG | | 22.7 | 38.6 | | | • 3 | 38.6 | 69.0 | 77.9 | | | 81.6 | 868 |
| SEP | | 12.6 | 38.2 | | | •1 | 38.2 | 59.0 | 66.0 | | .1 | 72.9 | 840 |
| DCT | | 5.0 | 37,1 | | 1.8 | • 2 | 38.0 | 47.9 | 57.9 | | | 64.4 | 868 |
| VOV | | 2.4 | 42.5 | .1 | 21.2 | •1 | 54.5 | 43.2 | 51.0 | .4 | | 62.1 | 840 |
| DEC | | 1.2 | 40.1 | 4.0 | 42.3 | •1 | 67.3 | 40.9 | 53.0 | 3.1 | • 1 | 65.6 | 868 |
| TOTALS | | 12.3 | 41.8 | 1.5 | 16.2 | • 5 | 52.2 | 47.1 | 57.5 | 1.3 | •0 | 66.3 | 10226 |

USAFETAC JULY 54 0-10-5(OL. A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

Activities and a comment

PART B

PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- *1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and amnual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- * 2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION ".00" equals none for the month (hundredths)

EXTREME DAILY SNOWFALL ".0" equals none for the month (tenths)

EXTREME DAILY SNOW DEPTH "O" equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

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Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
 - (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.

Francisco L. S. S. S. S. S. Ladin . . . L.

(3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

U. S. Navy and National Weather Service (USWB)

| Beginning thru 1945 | at 0800LST | Beginning thru Jun 52 | at 00300MT |
|---------------------|------------|-----------------------|------------|
| Jan 46-May 47 | at 1230GMT | Jul 52-May 57 | at 12300MT |
| Jun 57-present | at 1200GMT | Jun 57-present | at 12000MT |

GLOBAL CLIMATOLUMY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRICTPITATION
(FROM DAILY OBSERVATIONS)

13812 RICKENNACKER AFB OH
STATION NAME

....

| | | | | | | AM | OUNTS (II | NCHES) | | | | | | PERCENT | | MON | THLY AMO | UNTS |
|----------------|------|-------|-------|---------|---------|---------|-----------|----------|-----------|-----------|------------|-------------|------------|---------|------------|-------|----------|-------|
| PRECIP | NONE | TRACE | .01 | 02- 05 | .0610 | 1125 | .2650 | .51-1 00 | 1 01-2.50 | 2.51-5 00 | 5 01-10 00 | 10 01-20 00 | OVER 20 00 | A Ve | NO. | | (INCHES) | |
| SNOWFALL | NONE | TRACE | 01-04 | 0.5-1.4 | 1.5 2.4 | 2.5 3 4 | 3.5.4.4 | 4 5-6.4 | 6.5-10 4 | 10.5-15.4 | 15,5.25.4 | 25 5-50.4 | OVER 50 4 | MEASUR- | OF OBS. | MEAN | GLEATEST | LEAST |
| SNOW. DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25.36 | 37-48 | 49.60 | 61-120 | OVER 120 | AM15 | | | | |
| JAN | 32.9 | 26.2 | 4.8 | 9.2 | 4.9 | 9.2 | 6.3 | 3.6 | .7 | . 1 | | | | 40.9 | 868 | 2.62 | 5.60 | .90 |
| FEB | 30.8 | 25.5 | 3.7 | 10.7 | 6.3 | 7.0 | 5.8 | 3.4 | • 5 | .1 | | | | 37.7 | 791 | 2.21 | 4.39 | .30 |
| MAR | 30.3 | 23.5 | 3.2 | я•0 | 3.0 | 7.0 | 8.3 | 4.3 | 1.5 | .2 | | | | 40.2 | 864 | 3.44 | 9.08 | 1.08 |
| APR | 43.6 | 15.4 | 3.0 | 9.2 | 5.2 | 9.4 | 0.9 | 5.5 | 2.3 | | | <u> </u> | | 41.4 | 840 | 3.47 | 0.25 | .67 |
| MAY | 47.9 | 13.2 | 1.8 | 7.4 | 5.8 | 9.3 | 6.7 | 5,9 | 1.0 | .1 | | | | 38.8 | 808 | 3.71 | 10.21 | . 86 |
| אטנ | 53.8 | 13.9 | 2 • 4 | 6.2 | 3.3 | 6.5 | 5.4 | 5.0 | 2.5 | | | <u> </u> | | 32.3 | 840 | 3.43 | 6.93 | .30 |
| JUL | 54.4 | 12.0 | 2.3 | 5.6 | 3.8 | 7.0 | 5.9 | 5.5 | 3.0 | | | | | 33.6 | 868 | 3.89 | 12.24 | .7: |
| AUG | 61.9 | 9.8 | 2 • 1 | 3.8 | 3.3 | 6.3 | 5.3 | 4.6 | 2.3 | .3 | | | | 28.3 | 868 | 3.50 | 8.76 | .25 |
| SEP | h0.9 | 11.8 | 1.8 | 5 • 8 | 1.8 | 5.8 | 5.6 | 4.3 | 2.1 | | | | | 27.3 | 839 | 2.77 | 7.07 | .55 |
| ост | 61.3 | 10.9 | 2.0 | 5.4 | 3,9 | 7.5 | 5,8 | 2.4 | 3. | | | | | 27.8 | 868 | 2.03 | 4.11 | .20 |
| ноч | 44.0 | 19.1 | 3.8 | 9.2 | 5.6 | 7.4 | 5.7 | 3.9 | 1.7 | | | | | 37.3 | 840 | 2.71 | 3.79 | .43 |
| DEC | 32.7 | 27.2 | 4.1 | 10.6 | 4,7 | 7.8 | ٥.٥ | 5.0 | 1.0 | | | | | 40.1 | 863 | 2.51 | 5.03 | .4 |
| VNÁNYT | 47.2 | 17.3 | 2.9 | 7.6 | 4.7 | 7.7 | 6.3 | 4.5 | 1.7 | .1 | | | | 35.5 | 10222 | 36.59 | \times | >< |

1210 WS JUL 64 0:15-5 (OL.I)

PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

13812 RICKENBACKER AFB OH

24 HOUR AMOUNTS IN INCHES

| YEAR . | JAN | FEB | MAR. | APR. | MAY | JUN, | JUL. | AUG. | SEP. | OCI. | NOV. | DEC | ALL MONTHS |
|------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| 51 | | - | 1.02 | •73 | .99 | 1.00 | 1.02 | •25 | .75 | •62 | .99 | .99 | |
| _52 | _2.26 | 68 | 1.55 | 1.33 | 94 | 90 | 86 | 1.20 | 67 | 39 | 29 | 61 | 2 2 |
| 53 | 1.28 | .87 | .33 | .53 | .58 | •58 | 1.91 | 2.36 | •50 | •49 | .45 | .63 | 2.3 |
| _54 | 1.04 | 62 | 7.8 | 1.07 | 36 | 86 | 1.93 | 68 | 1.05 | 82 | 21 | 55. | 9 |
| 55 | . 19 | . 65 | 1.77 | .49 | .84 | 1.06 | 1.11 | •46 | .84 | .43 | 1.05 | .27 | 1.7 |
| _56 | 53 | 6.7 | 93 | 1.29 | 1.03 | 43 | _1-13 | 75 | 98 | 7.B | 42 | 90- | 1.2 |
| 57 | .61 | .80 | .43 | 1.25 | 1.14 | 1.85 | 1.77 | •63 | 1.59 | .62 | 1.10 | .93 | 1.8 |
| _58 | 66 | 36 | 43 | | 7.7 | _1.79 | _2-17 | 2.79 | 1.30 | 26 | 66 | 62 | 2.7 |
| 59 | 2.75 | .74 | .71 | .80 | 1.47 | •55 | •91 | 1.06 | 1.06 | 1.17 | 1.07 | .61 | 2.7 |
| 60 | 53 | 9.8 | 35 | 7.4 | 63 | 1.48 | 1-61 | 44 | 45 | 1.39 | 63 | 51_ | |
| 61 | .30 | .81 | .80 | 1.18 | 2.09 | .84 | 1.04 | 2.62 | 1.19 | .64 | 1.63 | .56 | 2.6 |
| _02 | 68 | 1.80 | 94 | ,38 | 96 | 16 | 1-10 | 63 | 96 | 82 | _1.56 | 66_ | 1.8 |
| 63 | .59 | . 24 | 3.14 | .78 | .81 | .61 | 1.01 | .69 | .54 | .17 | .32 | .33 | 3 • 1 |
| _64 | 45 | 4.7 | 3.28 | 1.46 | 4.7 | 92 | 89 | -90 | _1.03 | 17 | .78 | 1,22 | 3.2 |
| 65 | .58 | .96 | .63 | 1.31 | .19 | 1.44 | 1.32 | 1.09 | 2.47 | 1.20 | .36 | .36 | 2.4 |
| _60 | 1.24 | 88 | 39 | _1.37 | _1.23 | 43 | 1.33 | 1.67 | _1.06 | -44 | 1.42 | 1.38 | |
| 67 | .35 | .76 | 1.21 | 1.03 | 1.44 | .42 | 1.39 | .29 | | .53 | .57 | .48 | 1 • 4 |
| _68 | .75 | 24 | _1.17 | 7.3 | _2.78 | 89 | 18 | 73 | 7.7 | 44 | 1.13 | 1.52 | 2.7 |
| 69 | .84 | .32 | . 35 | 1.11 | .79 | 1.14 | 1.29 | 3.07 | .33 | .85 | 1.12 | .75 | 3.0 |
| 70 | -60 | 38 | 91 | 1.63 | 1.18 | 1.61 | _1.31 | 1.85 | 2.22 | 34 | 1.97 | 1.08 | 2.: |
| 71 | .95 | 1.50 | 1.11 | .21 | 2.39 | 2.15 | 2.21 | 2.06 | •39 | •48 | .55 | 1.31 | 2 • 3 |
| 72[| 46 | 54 | 43 | 1.04 | 2.45 | _1.01 | 60 | 1.83 | _1.10 | _1.15 | 1.34 | 1.12 | 2.4 |
| 73 | .82 | .42 | .94 | 1.14 | .72 | 1.52 | 1.77 | 1.40 | .51 | 1.38 | 1.48 | .92 | 1.7 |
| _74 | 47 | 1.32 | 00 | _1.21 | _1.63 | 1631 | .54 | 1.14 | 1.07 | 56 | 74 | | 1=5 |
| 75 | .40 | 2.79 | 1.23 | 1.00 | 1.06 | •90 | •70 | 1.24 | 1.18 | 1.74 | .31 | .55 [| 2. |
| 76 | 66 | 75 | 55 | 82 | 42 | 75 | 1.32 | 2.40 | 45 | 57 | . 25 | 43 | 204 |
| 77 . | .38 | .16 | .96 | 1,45 | .40 | .93 | 1.93 | 1.32 | .83 | 1.07 | .75 | 1.09 | 1.5 |
| 7.8 | 1.25 | 09 | _1.06 | 98 | 65 | | 1.16 | 2.18 | .87 | .80 | . 79 | 1.71 | 2.1 |
| 79 | .88 | 1.28 | | | | | | | | l | - | 22590 | |
| MEAN | .804 | 789 | 1.014 | 1.000 | 1.086 | 1.074 | 1.268 | 1.348 | .969 | .726 | 855 | .810 | 2.2 |
| S. D. | .562 | .563 | .733 | .347 | .662 | 504 | .503 | 897 | -503 | . 396 | .478 | .378 | 5 |
| TOTAL OBS. | 868 | 791 | 664 | 840 | 848 | 840 | 868 | 868 | 819 | 868 | 840 | 868 | 1022 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC AN M 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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(FROM DAILY OBSERVATIONS)

13812 RICKENBACKER AFB UH

1=79______

TOTAL MONTHLY PRECIPITATION IN INCHES

| MONTH | JAN. | FEB | MAR. | APR | MAY | HUL | JUL. | AUG. | SEP. | ост. | NOV. | DEC. | All MONTHS |
|-----------|-------|-------|--------|-------|-------|-------|-------|-------|--------|-------|-------|------|---------------|
| 51 | | | * 3.42 | 2,47 | 2.85 | 4.49 | 3.15 | . 25 | 2.63 | 1.26 | 4.10 | | |
| 52 | 5.27 | 2.18 | _3.91 | 3.06 | _2.86 | 2.54 | 1.94 | _2.36 | _1.89 | .84 | 1.16 | 2.59 | 30.60 |
| 53 | 4.27 | 1.17 | 1.69 | 2.44 | 2.44 | 1.64 | 4.33 | 2.97 | .86 | •91 | 1.12 | 1.81 | 25.65 |
| 54 | 2.59 | 1.37 | 1.70 | 4.07 | _1.79 | 2.48 | 5.05 | 2.90 | 1.68 | 4.11 | 85 | 1.79 | 30.38 |
| 55 | 1.47 | 3.42 | 4.96 | 1.61 | 3.49 | 3.62 | 5.30 | 1.35 | 3.27 | 1.90 | 2.92 | .42 | 33.73 |
| 56 | 1.7d | 4.24 | 4.33 | 4.35 | _5.35 | _1.27 | 4.04 | _2.88 | _2.07 | 1.32 | 88 | 3.42 | 35.85 |
| 57 | 2.16 | 2.13 | 1.54 | 5.08 | 4.84 | 5.79 | 2.77 | 1.52 | 3.61 | 1.11 | 4.07 | 4.42 | 39.04 |
| 58 | 2.14 | 77 | 1.12 | 3.75 | 3.18 | 4.93 | 12.24 | 6.03 | 4.28 | .82 | 1.88 | 1.08 | 44.22 |
| 59 | 5.60 | 2.67 | 2.22 | 2.60 | 4.16 | 1.07 | 3.92 | 1.56 | 1.58 | 3.76 | 4.08 | 2,09 | 35.31 |
| 60 | 2.37 | 2.56 | _1.17 | 2.49 | 3.55 | 3.85 | 4.23 | 1.93 | 1.07 | 3.05 | 1.97 | 2.14 | 30.39 |
| 61 | 1.04 | 2.45 | 4.21 | 4.34 | 4.14 | 2.24 | 5.41 | 5.82 | 2.16 | 1.59 | 3.68 | 2.38 | 39.46 |
| 62 | 3.29 | 4.59 | 3.45 | _1.21 | 3.72 | 36 | 5.28 | 1.18 | 3.75 | 2.75 | 3.52 | 2.52 | 35.62 |
| 63 | 1.89 | .92 | 7.73 | 2.17 | 2.47 | 2.44 | 2.70 | 2.73 | .55 | .26 | •69 | 1.10 | 25.65 |
| 64 | 1.57 | 1.29 | 9.88 | 5.82 | 1.96 | 3.42 | 2.73 | 1.62 | 1.93 | .45 | 2.10 | | 37.25 |
| 65 | 2.47 | 3.51 | 3.05 | 5.91 | . 86 | 2.55 | 3.76 | 4.28 | 7.07 | 3.20 | 1.65 | 1.18 | 39.49 |
| 66 | 4.02 | 2.34 | _1.51 | 4.75 | 3.56 | 94 | 4.81 | 2.89 | 3.41 | 1.13 | _5.79 | | 39.57 |
| 67 | .90 | 2.77 | 5.18 | 3.46 | 6.41 | .94 | 3.05 | .89 | * 3.64 | 2.23 | 2.94 | 2.61 | *35.02 |
| 80 | 2.06 | 51 | 4.12 | 2.79 | 10.21 | 3.75 | 79 | 2.18 | 3.11 | 1.69 | 3.79 | 4.B5 | 39.85 |
| 69 | 3.39 | .77 | 1.08 | 3.22 | 1.99 | 6.53 | 3.99 | 3.70 | .99 | 1.81 | 3.58 | 2.80 | 23.85 |
| 70 | 1.63 | 1.26 | 3.61 | 6.25 | 5.07 | _5.37 | 3.88 | 3.25 | 6.92 | 1.70 | 3.54 | 3.09 | 45.57 |
| 71 | 2.30 | 2.91 | 2.74 | .67 | 5.95 | 3.73 | 4.67 | 4.47 | 2.13 | 2.16 | 1.49 | 3.69 | 37.91 |
| 72 | 1.64 | 1.58 | 3.07 | 4.01 | 6.18 | 2.37 | 1.86 | 8.76 | 4.69 | 2.58 | 5.38 | 3.87 | 45.99 |
| 73 | 2.10 | 1.55 | 3.47 | 5,06 | 3.84 | 6.57 | 4.75 | 4.11 | 1.33 | 4.09 | 5.15 | 3.03 | 45.05 |
| 74 | 2.63 | 2.90 | 3.18 | 4.19 | | 5.24 | 73 | 4.94 | 4.14 | 1.63 | 3.22 | 2.81 | 40.10 |
| 75 . | 2.51 | 3.99 | | 3,06 | 2.08 | 3.99 | 1.56 | 6.21 | 3.88 | 3.00 | 1.29 | 2.53 | 38.86 |
| 76 | 2.74 | 2.37 | 2.82 | 1.48 | | 4.94 | 4.71 | 6.23 | 1.68 | 2.62 | 43 | .69 | 31.88 |
| 77 | 1.22 | .58 | 3.15 | 4.20 | 1.51 | 2.64 | 3.83 | 4.11 | 3.19 | 2.50 | 2.78 | 3.33 | 33.04 |
| 78 | 5.35 | 30 | 3.27 | | | 4.39 | | 7.00 | – | 2.70 | 1.80 | | 40.33 |
| 79 | 3.02 | 3,15 | | | | | | | | | | | |
| MEAN | 2,619 | | | | | | | 3.504 | | | | | . 36.71 |
| S D | 1.271 | 1.230 | | 1.448 | | | | | 1.684 | 1.057 | 1.502 | | 5.58/ |
| TOTAL OBS | 868 | 791 | | 840 | | 840 | 868 | | 839 | 868 | 840 | 868 | 1.0222 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC ALM 0-88-5 (OLA)

GLOBAL CLIMATULOSY BRANCH USAFETAC AIR MEATHER SURVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SHOWFALL (FROM DAILY OBSERVATIONS)

13812 RICKENRACKER AFR 11H 51-75
STATION NAME YEARS

| | | AMOUNTS (INCHES) | | | | | | | | | | | | | TOTAL | MONTHLY AMOUNTS | | |
|----------------|-------|------------------|-------|---------|-------|---------|----------|----------|-----------|-----------|------------|-------------|------------|-----------------|------------|-----------------|-------------|--------|
| PRECIP | NONE | TRACE | 01 | 02 05 | .0610 | .1125 | .2650 | .51-1 00 | 1 01-2 50 | 2.51-5 00 | 5 01-10 00 | 10 01 20 00 | OVER 20 00 | OF DAYS WITH | NO. | (INCHES) | | |
| SNOWFALL | NONE | TRACE | 01-04 | 0.5 1.4 | 1524 | 2.5 3 4 | 3.5 4.4 | 4.5-6 4 | 6 5-10 4 | 10 5 15 4 | 15.5-25.4 | 25 5 50.4 | OVER 50.4 | MEASUR- | OF OBS. | MEAN | GREATEST | LEAST |
| SNOW- DEPTH | NONE | TRACE | 1 | 2 | 3 | 46 | 7-12 | 13-24 | 25.36 | 37-48 | 49-60 | 61-120 | OVER 120 | AMTS | | | | |
| JAN | 32.5 | 25.5 | 8.3 | 8.2 | ۶.۶ | 1.3 | . 3 | • & | | | | | | 22.0 | 808 | 7.4 | 24.9 | • |
| FEB | 50. ų | 24.7 | 8.2 | 7.2 | 1.3 | • 3 | • 4 | 1.3 | | | | | | 1°.6 | 791 | 3.4 | 14.6 | TRAÇI |
| MAR | ⊅o.8 | 38.7 | 5.9 | 4.0 | 1.5 | .7 | . 5 | • 2 | ے . | | | | | 13.0 | 868 | 4.4 | 15.7 | TRACI |
| APR | 91.7 | 6.7 | 1.1 | • 2 | • 2 | , 1 | | | | | | | | 1.7 | 840 | .4 | 5.4 | • |
| MAY | 99.7 | . 2. | | | . 1 | | | | | <u> </u> | | | | . 1 | 868 | .1 | 5.0 | |
| NUL | 100.0 | | | | | | <u> </u> | | | | | | | | 840 | ن. | .0 | • |
| JUL | 100.0 | | | | | | | | | ! ! | | | <u></u> | | 868 | .0 | .0 | ٠ |
| AUG | 100.0 | | | | | | | | | | | | | | 868 | .0 | .0 | • 1 |
| SEP | 100.0 | | | | | | | | | | | | | | 840 | .0 | .0 | • |
| ост | 94.5 | 1.4 | . 2 | • 1 | | .1 | | | | | | | | .5 | 868 | .1 | 2.7 | ١ |
| NOV | 78.0 | 14.5 | 3.8 | 1,9 | . 7 | .8 | .1 | | • i | | | | | 7.5 | 840 | 2.3 | 9.0 | TRAC |
| DEC | 57.6 | 26.2 | 6.2 | 6.1 | 2.0 | 1.0 | .2 | .7 | | | | | | 16.2 | 868 | ۵.5 | 19.1 | • |
| ANNUAL | 83.0 | 9.0 | 2.8 | 2.3 | .7 | .4 | .2 | •2 | • 0 | | | | | 5.6 | 10227 | 25.6 | \boxtimes | \geq |

1210 WS JUL 64 0-15-5 (OLI)

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PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC **EXTREME VALUES** 3 AIR WEATHER SERVICE/MAC SHOWFALL IFROM DAILY OBSERVATIONS) O 13812 RICKENBACKER AFB UH 51-79 C 24 HOUR AMOUNTS IN INCHES O ALL MONTHS JAN. FE8. JUN. Júi. AUG. SEP. OCT. NOV. DEC MAR. APR. MAY YEAR TRACE 51 TRACE 6.2 TRACE · O TRACE 2.1 53 TRACE 1.6 1.6 • 0 •0 .0 .0 1.7 2.7 2.7 1.0. 55 1.6 1.9 1.1 .0 .0 1.0 4.2 .0 TRACE 56 .0 <u>. ol</u> •0 •0 . 8 6.9 57 TRACE TRACE 5.8 • O, .0 .0 TRACE 5.6 8.8 58 TRACE 6.2 TRACE 59 2.3 .0 .0 6.2 60 3.0 ٠Ω .0 ٠Ω 5.0 ۰.0 C: 4.5 TRACE .0 61 2.8 .0 .0 2.6 TRACE 9.4 •.0 4.9 .2 TRACE 63 3.6 1,8 .0 3.4 3.6 O 04 TRACE Ω۰ . 0 .0 65 6.1 1.2 .0 1.8 6.1 .0 • 0 66 1.0 • 0 ۰Ω ۰Ω 1.9 0 2.6 67 • 0 .0 2.3 6.4 TRACE •0 ٠O 69 3.5 TRACE .0 • 0 • 0 70 •0 .0 ٥Ω • 0 5.6 71 1.2 TRACE •0 5.6 2.7 • 0 • 0 • 0 - 0 •0 TRACE 73 3.4 3.q •0 .0 .0 .0 .0 TRACE 2.3 74 2.0 TRACE 75 .0 .0 1.3 2.2 • 0 • 0 .0 2.2 1.5 76 TRACE Ω٠ .0 1.9 TRACE 5.3 77 .0 .0 2.2 TRACE TRACE 6.4 .00 •00 .00 2.48 4.92 -00 1.62 .724 __000 2.164 2.236 .378 .517 1.823 .000 -000 .000 1.646 1.749 TOTAL OSS. 791 868 840 868 840 868 868 868 840 NOTE + (BASED ON LESS THAN FULL MONTHS)

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USAF ETAC AN M 0-88-5 (OLA)

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13812 RICKENBACKER AFB OH

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TOTAL MONTHLY SNOWFALL IN INCHES

| YEAR | JAN, | FEB | MAR | APR, | MAY | JUN. | JUL. | AUG. | SEP. | ост. | NOV. | DEC. | ALL MONTHS |
|------------|-------|-------|-------|-------|---------|--------|------|------|------|-------|-------|-------|---------------|
| 51 | Ì | | 4.0 | | | •0 | .0 | •0 | •0 | | 1.2 | 10.8 | |
| 52 | 4 | | 1.6 | | | 0 | 0 | -0 | 0 | TRACE | 3.6 | 5.4 | 14. |
| 53 | 4.1 | TRACE | 3.1 | 1.6 | , , , , | | .0 | •0 | •0 | | 1.8 | 4.5 | 15. |
| 54 | 5.3 | | 4.9 | 3 | 2+0 | | 0 | 0 | 0 | | 1 | 3.4 | 22. |
| 55 | 7.3 | 3.2 | 2.0 | •0 | | | .0 | •0 | •0 | •0 | 5,1 | 2.3 | 19. |
| 56 | 8.1 | 9 | 8.9 | | | -0 | 0 | 0 | 0 | | 9 | _2.6 | 21. |
| 57 | 7.1 | 3.0 | 2.8 | TRACE | •0 | •0 | .0 | •0 | •0 | | TRACE | 5.9 | 18. |
| | 3.7 | 3.0 | 4.1 | TRACE | 0 | | 0 | 0 | 0 | 0 | 9.0 | | 29. |
| 59 | 7.8 | 1.4 | 11.4 | | | •0 | .0 | •0 | •0 | •0 | 8.8 | | 35. |
| 60 | 1.8 | _11.6 | _10.5 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 | | 44. |
| 61 | 10.0 | 9.8 | TRACE | .7 | •0 | •0 | •0 | •0 | •0 | | | 7.1 | .28• |
| 62 | 4.5 | 11.9 | 15.7 | | 0 | 0 | 0 | 0 | 0 | 2.7 | TRACE | | 49. |
| 63 | 8.6 | 7.0 | .5 | | •0 | •0 | .0 | •0 | •0 | | | 11.2 | 28. |
| 64 | 9.8 | 7.9 | 1.9 | | 0 | 0 | 0 | 0 | 0 | 0 | 1,3 | 1.7 | 22. |
| 65 | 11.5 | 9.1 | 5.1 | • 0 | | | .0 | •0 | •0 | •0 | 2.9 | | 31. |
| 66 | 8.7 | 8,9 | 1.5 | 1.4 | | 0 | 0 | 0 | -0 | | 4.1 | 4.9 | 29. |
| 67 | 2.0 | 14.6 | 9.3 | • 0 | | •0 | •0 | • 0 | •0 | • 5 | 3.2 | 4.4 | 34. |
| 68 | 9.7 | 2,1 | 2.5 | | 0 | 0 | 0 | -0 | 0 | 0 | 1.7 | 4.6 | 20. |
| 69 | 2.0 | 2.4 | 4.1 | TRACE | •0 | •0 | .0 | •0 | •0 | •0 | 3.3 | 6.7 | 18. |
| 70 | 11.2 | 2.3 | 8.2 | | 0 | 0 | 0 | 0 | ·O | 0 | 6 | | 23. |
| 71 | 4.5 | 7.7 | 7.3 | | •0 | | .0 | •0 | •0 | •0 | 2.1 | .3 | 21. |
| 72 | 2.3 | 0.4 | 1.6 | 3 | 0 | 0 | | 0 | 0 | TRACE | 5.1 | 2.6 | 18. |
| 73 | 3.5 | • 8 | . 8 | 5.4 | •0 | •0 | .0 | •0 | •0 | •0 | TRACE | 6.7 | 17. |
| 74 | 2.0 | 3.1 | 4.9 | | 0 | 0 | 0 | 0 | 0 | -4 | 1.3 | 6.4 | 18. |
| 75 | 5.4 | 1 • 5 | 2.4 | | •0 | •0 | •0 | •0 | •0 | •0 | 1.3 | 3.3 | 13. |
| 76 | 10.7 | 8 | 4 | | 0 | 0 | 0 | 0 | 0 | TRACE | 1.8 | 2.4 | 16. |
| 77 | 16.0 | 7.1 | 1,1 | | •0 | •0 | •0 | •0 | •0 | •0 | 1.9 | 6.6 | 32. |
| 78 | 24.9 | 2,6 | 3,6 | TRACE | 0 | 0 | 0 | 0 | 0 | TRACE | TRACE | 4 | 31. |
| 79 | 15.3 | 12.2 | | | | | | | | | | | |
| MEAN | 7.44 | 5.40 | 4.44 | .43 | .07 | .00 | 00 | .00 | | .14 | 2.29 | 5.55 | 25.0 |
| S. D. | 5.324 | 4.141 | 3.875 | | 378 | .000 | .000 | -000 | | | 2.368 | 4.201 | 8.91 |
| TOTAL OBS. | 868 | 791 | 868 | | | THAN F | | 868 | 840 | 868 | 840 | 868 | 1022 |

(BASED ON LESS THAN FULL MONTHS)

GLBBAL CLIMATULOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

Same of the same o

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

13812 RICKERRACKER AFR UH -1-79
STATION NAME YEARS

| | | | CE 01.04 05.1.4 1.5 2.4 2.5.3 4 3.5.4 4.5 6 4 6.5.10 4 10 5.15 4 15 5.25 4 25 5.50. CE 1 2 3 46 7.12 13.24 25.36 37.48 49.60 61.120 i. 4 9.9 6.3 3.6 9.0 4.4 6 -7 ib.1 4.2 4.6 5.6 6.9 .4 -8 3 4.4 2.4 1.5 2.8 .2 | | | | | | | | | | | PERCENT | | MON | THLY AMO | UNTS |
|----------------|-------|-------|---|---------|---------|--------------|---------|----------|-----------|-----------|------------|-------------|------------|---------|--------------|------|----------|----------|
| PRECIP. | NONE | TRACE | 01 | .02- 05 | .06-10 | .11- 25 | .2650 | .51-1 00 | 1 01-2.50 | 2.51-5 00 | 5 01-10 00 | 10 01-20 00 | OVER 20 00 | laa | TOTAL NO, | | (INCHES) | |
| SNOWFALL | NONE | TRACE | 01-04 | 0 5-1.4 | 1.5 2.4 | 2.5.3 4 | 3,5.4 4 | 4.5 6 4 | 6.5-10 4 | 10 5-15 4 | 15 5.25 4 | 25 5-50.4 | OVER 50.4 | MEASUR- | OF OBS. | MEAN | GREATEST | LEAST |
| SNOW. DEPTH | HONE | TRACE | 1 | 2 | 3 | 46 | 7-12 | 13-24 | 25.36 | 37.48 | 49-60 | 61-120 | OVER 120 | AMTS | | | | |
| JAN | 56.9 | 15.4 | 9.9 | 6.3 | 3.6 | ۷ . n | 4.4 | • 5 | | | | | | 33.6 | 808 | | | |
| FEB | 59.7 | 14.7 | 8 • 1 | 4.2 | 4.0 | ۶.6 | و و ع | • 4 | | | | | | 25.7 | 791 | | | |
| MAR | 91.5 | 7.3 | 4 • 4 | 2.4 | 1.5 | 2 . 8 | . 2 | | | | | | | 11.3 | 868 | | | |
| APR | 96,0 | 1.5 | • 2 | , 2 | | | | | | | | | | , 5 | 840 | | | <u></u> |
| MAY | 100.0 | | | | | | | | | | | | | | 808 | | | |
| אטנ | 100.0 | | | | | | | | | | | | | | 840 | | | |
| JUL | 100.0 | | | | | | | | | | | | | | 868 | | | |
| AUG | 100.0 | | | | | | | | | ! | | | | | 868 | | | |
| SEP | 100.0 | | | | | | | | | | | | | | 840 | | | |
| ОСТ | 99.0 | • 2 | | | | | | | | | | | | | 808 | | | |
| ноч | 92.4 | 3.8 | 2.1 | .8 | •4 | . 4 | . i | | | | | | | 3,8 | 840 | | | |
| DEC | 67.3 | 11.4 | 9.3 | 4.6 | 3.B | 3.5 | . 6 | | | | | | | 21.3 | 868 | | | |
| ANNUAL | 87.5 | 4.5 | 2.8 | 1,5 | 1.1 | 1.8 | .7 | • 1 | | | | | | 8.0 | 16227 | | X | \times |

1210 WS JUL 44 0-15-5 (OL1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

GLOBAL CLIMATOLOGY BRANCH USAFETAC **EXTREME VALUES** AIR WEATHER SERVICE/MAC SNOW DEPTH (FROM DAILY OBSERVATIONS) 13812 RICKENBACKER AFB 11H DAILY SNOW DEPTH IN INCHES ALL MONTHS JAN, FEB. AUG. OCT. TRACE 10 TRACE TRACE 0 53 0 2 55 0 0 56 0 TRACE 0 6 57 0 0 59 2 00 TRACE TRACE 0 TRACE 0 61 ACF 63 TRACE 0 O TRACE 5 64 1 0 65 0 66 67 68 TRACE 69 0 Oi 0 70 TRACE 71 72 TRACE oi 0 73 0 TRACE 0 n 75 1 76 77 2 78 79 TRACE •0 •**00**0 2.9 ا٥۔ 2.435 .000 .000 000 .000 056 .548 000 840 TOTAL OBS 791 868 840 868 840 868 868 840 * (BASED ON LESS THAN FULL HONTHS)

USAF ETAC AN M 0-00-5 (OLA)

A CONTRACTOR OF CASE OF

U S,AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART C

SURFACE WINDS

a many memo

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Heans and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, and (3) By month by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FPOM DAILY OBSERVATIONS)

13812 RICKENBACKER AFB DH

A STANDARD CONTRACTOR OF THE STANDARD CONTRACTOR

52-79

YEARS

DAILY PEAK GUSTS IN KNOTS

| MONTH | MAL | | FEB | ١, | M | AR | A | PR. | м | AY | JL | JN | JL | JL. | At | JG. | SE | Р. | ٥ | CT. | 7 | ю. | | DEC | | ALL | ; |
|-------------|--------|-----|------|-----|------|-----|----------|-----|------------|-----|-------------|-------------|------------|-----|------------|------------|------|-----|----------|-------|------|-----|------|------------|------------|----------|-------|
| 52 | W11W#5 | | | 58 | 5W | 49 | N | 43 | 414 | 53 | 1 | 40 | NM. | 44 | SSW | 411 | 4 | 52 | SW | 38 | SW | 52 | NW | 29 | W | 11/4 | 54 |
| 53 | NW 3 | 12 | W | 48 | 5 | 51 | N | 60 | MSH | 39 | ISW | 36 | USW | 48 | i | 581 | INW. | 47 | Hi | 30 | ISW | | | _51 | <u>.!W</u> | | 60 |
| 54 | SW 3 | 38£ | W | 53 | 5 | 55 | SW | 49 | WSW | 46 | IN k | 60 | 1W | 69 | MNH | 40 | INW | 43 | WNW | 411 | Ň | 40. | 5W | 52 | N | W | 69 |
| 55 | WNW 3 | 168 | i | 32 | SW | 74 | NSW | 46 | ~ | 51 | NW. | 45 | HSH. | 36 | ISH | 44 | VSW. | 50 | NNW | 42 | | 4.7 | KSH | 35 | S | K | 74 |
| 56 | NNW 3 | 31 | INW | 72 | SSW | 44 | 45W | 38 | 5.W | 32 | WY | 28 | W | 40 | 5 | 321 | NSW | 32 | WNN | 31 | SH | 36. | 55W | 29 | g w | NW | 72 |
| 57 | S 3 | 31Ì | IW. | 33 | NSW. | 30 | NSW. | 55 | USW | 54 | NSI. | 45 | lı | 25 | ISW | 20 | NSW_ | 23 | 5 | 22 | NS X | 33 | SSE | 30 | l H | 5 N | 55 |
| 58 | WSW 2 | 26 | INW | 30 | NSW | 28 | MNN | 34 | WINS | 42 | NNW | | MNM | 36 | SW | 32 | N | 27 | ISW | 28 | W | 31 | N | 28 | i w | ·iW | 75 |
| | WSW 4 | - 1 | | 35 | | 47 | | 39 | W 2 W | 26 | | 37 | | | | 27 | | 26 | | 37 | | _ | NNW | | 1 w | | 47 |
| | WSW 3 | 12 | ≀S₩ | 36 | j | 38 | NSW | 38 | ų. | 48 | NNS | 55 | KW | 30 | , | 32 | | _ | | 28 | NSW | 30 | N . | 30 | N | NW | 55 |
| | NNW 3 | | | 38 | SW : | *40 | W. | 41 | | 40 | | *3 0 | | _ | 1' | *23 | | 23 | | £3.81 | | *37 | 1' | | W | | 46 |
| | SW *4 | | | 34 | SW | 32 | 14 | 42 | USW. | *37 | | *24 | | +27 | NW | *26 | V * | 23 | NN. | | | *30 | N | *39 | N | -, | 42 |
| | WSW#2 | | | 25 | , ii | *42 | | | | ¥46 | | • | 1- | | 3. | | | | | 1 | | *30 | | *32 | ít . | <u>*</u> | _ |
| | | 426 | | 27 | EM | 43 | MNN | 54 | - | | | 40 | | 33 | | | NSW | 25 | _ | 361 | | | NSW | | H | | 57 |
| 65 | | , (| - | | | 41 | | _ | | 38 | | | | | • | | | 49 | | | NN | | | | i N | NW. | - • |
| 66 | W | 10 | INW | 31 | NSW | 42 | 4 | | NSW | 32 | | 38 | , | 44 | , | 28 | | 30 | NNW | 38 | SW | 34 | Į. | 37 | N | H | 44 |
| 3 | | 38 | | | MNN | 40 | | 45 | | *49 | | 35 | | • | } * | 27 | - | 29 | | 34 | 1 | 31 | 7. | 31 | W | | نبۇ |
| | | 33 | | 40 | | | MNN | 42 | _ | 38 | | | 34/ | 31 | 18/ | 54 | 29/ | 30 | 23/ | 32 | 23/ | 38 | 24/ | 44 | 1 | | 54 |
| | | j | 35/ | | 21/ | 36 | 23/ | | 27/ | | - | | 35/ | | 33/ | | 24/ | | 27/ | | 20/ | - | 21/ | 30 | | •• | 41 |
| | 21/ | 32 | 21/ | 30 | 24/ | 37 | 27/ | 57 | 31/ | | 20/ | | 33/ | | 10/ | | 29/ | 32 | 23/ | | 22/ | | 304 | 50 | 2 | 7/ | 54 |
| . 4 | | | 24/ | 42 | | - 2 | 21/ | • | 32/ | - 1 | 34/ | | 201 | | 20/ | | 19/ | | 571 | | 327 | | 221 | - • | | | 66 |
| | 27/ | | 23/ | 36 | 22/ | 42 | 27/ | | 21/ | | 32/ | | 26/ | | 25/ | | 33/ | 32 | 33/ | 3: | 26/ | 33 | 28/ | 41 | | | 50 |
| | 25/ | | 31/ | 44 | 29/ | 47 | 20/ | 44 | 22/ | | 27/ | | 33/ | | 22/ | | 33/ | | 091 | 35 | 52/ | 35 | | 52 | | | 52 |
| | | 49 | 24/ | | 23/ | 45 | 25/ | 55 | 26/ | | 23 | | 29/ | 35 | | 35 | 28/ | 33 | 21/ | 31 | 22/ | 44 | 35/ | 33 | | 5/ | 55 |
| | | | 25/ | | 35/ | | 26/ | | 33/ | | 21/ | - | 57/ | | 27/ | | | | 53/ | | 25/ | • | 24/ | | 71 - | | 54 |
| | | _ | 24/ | | 25* | | 24/ | | 21/ | | 23/ | | 24/ | | 29/ | | 34/ | | 20/ | 28 | 24/ | | 25/ | | | | 49 |
| | _ , | | 22/ | | 27/ | | 30/ | | 28/ | | | | 571 | | 29/ | | 241 | _ | 55/ | | 26/ | | 24 | | | úΖ | - |
| | | | 30/ | _ | | | 21/ | | 24/ | | | | 25/ | | | | 28/ | | 32/ | | 26/ | | 20/ | | | 4/ | |
| | 21/ | 1 | | 30 | | • | T • ′ | • | · '' | | ٠, | , , | Γ-, | ٠. | Γ'' | • • | | - ' | , | | Γ' | • | Γ" | | - | ••• | - 1 |
| Contraction | - A. J | 7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEAN | 39 | - | 30 | 7.7 | 4 | 2.0 | <u> </u> | 5.2 | 4 | 0.1 | 1. | 1.9 | - A | 0.1 | 1 2 | 7.0 | 2: | 3.2 | 7 | 2.3 | 7 | 6.5 | 7 | 6.3 | riine same | 56 |) o E |
| S D | | | 10.8 | _ | | 827 | | 441 | | | | | | | | | 9.0 | | | 060 | | | | 579 | | 0.0 | |
| TOTAL OBS. | | 43 | | 769 | | 817 | | 796 | | 812 | _ | 799 | | 821 | - × | 802 | | 777 | | 815 | | 773 | + | 820 | -7 | | 544 |

NOTES * (BASED ON LESS THAN FULL HONTHS)
USAF ETAC (MAN 000-3 (OIA) \$ (BASED ON LESS THAN FULL HONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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RICKENRACKER AFB UII

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

68-70,73-79

ALL WEATHER

COMBITION

COMBITIO

| SUE | | | • 4 | • 2 | | | | | | | | 2.3 | 5.6 |
|-------|------|---------|------|-------------------|--------|-----|----|----|----------|--------------|---|-------|-------|
| بسننب | | <u></u> | | | | | | | | | ļ | | |
| ENE | 1./ | 1.5 | •8 | 6 | | | | | | ! | | 4.6 | 5.0 |
| E | 1.4 | 1.3 | 1.2 | | | | | | | | | 3.9 | 5 · I |
| ESE | 2 | . 8 | •1 | | | | | | | | | 1.1 | 4.7 |
| SĚ | •8 | •4 | •4 | •1 | | | | | | | | 1.7 | 5.1 |
| SSE | .9 | .9 | • 2. | •2 | •1 | | | | | | | 2.3 | 5 • 5 |
| 3 | 4.3 | 4.8 | 3.1 | 2.3 | •1 | | | | | | | 14.6 | 6 • 1 |
| SSW | 1.4 | 2.3 | 2.2 | 1.7 | •3 | -1 | | | 1 | | | 8.0 | 8.0 |
| £W | 1.6 | 2.8 | 2.8 | 1.8 | •2 | • 2 | | | 1 | | | 8.8 | 8.4 |
| WSW | •0 | 1.3 | 1.4 | 2.0 | .3 | •2 | •1 | .1 | •1 | i | | 6.2 | 11.2 |
| W | - 59 | 1.7 | 4.4 | 4.4 | | | •1 | | | | | 12.8 | 10.7 |
| WNW | .8 | 1.2 | 3.1 | 1.1 | •2 | | | | | | | 6.3 | 8 . 5 |
| HW | • 3 | .5 | •8 | •6 | | | | | T | | | 2.4 | 8 • 4 |
| NNW | •3 | ,5 | 1.1 | •6 | .3 | | | | | 1 | | 2.9 | 9.4 |
| VARBL | | | | | | | | | <u> </u> | i | | | |
| CALM | | | | | | | | | | | | 12.9 | |
| CALM | | \sim | | $\langle \rangle$ | \sim | | | | | | | | |
| | | 24.8 | | | | | _ | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM D 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

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0

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13f12 | RICKENBACKER AFB UH | 58-70,73-79 | MAK JAN |
|-------|---------------------|-------------|-----------|
| | | ALL WEATHER | 0600-0800 |
| | | COMPITION | |
| | | | |

| SPEED (KNTS) DIR, | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-------------|-------------|--------|--------------|----------|----------|---|----------|--|---------|-----|-------|-----------------------|
| N | 9. | 1.3 | 2,6 | 1.3 | | | | | | | | 6.0 | 7.6 |
| NNE | . 5 | 1.5 | 1.0 | •1 | | | | | | | | 3.1 | 5.9 |
| NE | 1.0 | 1.2 | • 5 | • 1 | | | | | | | | 2.8 | 4.8 |
| ENE | 1.3 | 1.2 | • 6 | • 1 | | | | | 1 | | | 3.2 | 4.9 |
| E | 1.1 | 2.0 | 1.2 | • 2 | | | | | | | | 4.5 | 5.1 |
| ESE . | 6 | • 4 | • 2 | | | | | | | | | 1.3 | 4.0 |
| SE | 1.1 | • 4 | .4 | • 2 | | | | | | | | 2.2 | 4.7 |
| 452 | 1.5 | 1.3 | • 4 | •1 | | | | | 1 | | | 3.3 | 4.3 |
| 5 | 2.9 | 3.7 | 2.8 | 1.3 | • 1 | | | l | | | | 10.8 | 6.2 |
| SSW | 1.0 | 2.4 | 2.8 | 3.4 | . 5 | . 1 | | | | | | 10.2 | 9.1 |
| sw | 1.3 | 1.7 | 3.2 | 1.1 | •1 | .2 | | <u> </u> | | | | 7.6 | 7.8 |
| wsw | •2 | 1.3 | 2.3 | 1.8 | .5 | • 1 | | .2 | •1 | | | 6.6 | 11.6 |
| W | 1.3 | 2.0 | 4.9 | 3.4 | 1.6 | .3 | • 1 | | | | | 13.8 | 10.3 |
| WNW | •5 | .0 | 1.8 | •9 | .3 | | - · · · · · · · · · · · · · · · · · · · | | | | | 5.6 | 7.9 |
| NW | •1 | .4 | | •5 | | | | | | | | 2.2 | 9.2 |
| NNW | .2 | . 8 | | •6 | •1 | | | | | | | 2.8 | 8.7 |
| VARBL | | | | | | | | | | l | | *** | 0,0 |
| CALM | $\geq \leq$ | $\geq \leq$ | \ge | \mathbb{X} | \times | \times | \times | $\geq <$ | > < | >> | > < | 14.1 | |
| | 15.5 | | | 15.3 | 3.3 | 8 | • 1 | . 2 | .1 | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC $_{
m NJL}^{
m FORM}$ 0.8-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 | RICKENBACKER AFB UH | 68-70,73-79 | JAN |
|---------|---------------------|-------------|----------------|
| STATION | STATION NAME | YEARS | нонти |
| | | ALL WEATHER | 0900-1100 |
| | | CLASS | HOURS (L.S.T.) |
| | | | |
| | | CONDITION | |

| SPEED (KNTS) DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------|------|----------|---------|---------|---------|---------|----------|-------------------|----------|----------|-------|-----------------------|
| N | • ८ | 1.5 | 1.4 | 1.2 | | | | | | | | 4.8 | 7. |
| NNE | • 5 | 1.4 | 1.8 | • 2 | | | | | | | | 4.0 | 6+0 |
| NE | 1.0 | 1.3 | •9 | • 3 | | | | | | | | 3.4 | 5.1 |
| ENE | 1.1 | 1.4 | • 8 | • 3 | | | | | | | | 3.5 | 5. |
| E | 1.1 | 1.2 | 1.4 | • 3 | | | | | | | | 4.0 | 6. |
| ESE | •0 | 1.0 | •4 | | | | | | | | | 2.0 | 4. |
| SE | .8 | 1.4 | •5 | •1 | | | | | | | | 2.8 | 5.0 |
| SSE | •1 | 1.9 | • 8 | •5 | | | | | | | | 3.3 | 7.7 |
| 5 | 2.4 | 4.1 | 3.8 | 2.2 | •1 | | | | | | | 12.5 | 7. |
| SSW | • 2 | 1.8 | 3.0 | 4.1 | .5 | | | | | | | 9.7 | 10.4 |
| SW | .4 | 1.4 | 3.9 | 1.6 | .6 | • 3 | | .2 | | | | 8.5 | 10. |
| WSW | •5 | .9 | 2.3 | 2.6 | 8. | • 2 | •2 | | •1 | | | 7.5 | 11. |
| w | •4 | 1.5 | 4.7 | 5.3 | 2.2 | •4 | | | | | | 14.5 | 11. |
| WWW | •4 | .8 | 1.8 | 1.9 | .2 | •2 | | | | | | 5.4 | 10. |
| NW | •4 | .5 | •4 | 2.0 | •1 | | | | | | | 3.5 | 10. |
| NNW | • 2 | •5 | •5 | • 5 | • 1 | | | | | | | 1.9 | 8 • 6 |
| VARBL | | | | | | | | | | | | | |
| CALM | >< | > < | \times | > < | > < | > < | > < | \times | $\supset \subset$ | \times | $>\!\!<$ | 8.5 | |
| | 11.0 | 22.6 | 28.4 | 23.2 | 4.6 | 1.2 | • 2 | .2 | .1 | | | 100.0 | 8 • |

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 BYATION | RICKENBACKER AFB UII | 68-70,73-79 | YEARS | HAL |
|------------------|----------------------|-------------|---------------------------------------|-----------------------------|
| | | ALL WEATHER | · · · · · · · · · · · · · · · · · · · | 1200-1400 HOURS (L.S.T.) |
| | · | COMBITION | | |

| VARBL CALM | | | | | | | | | | | | 5.6 | |
|----------------|-------|-------|--------|---------|---------|---------|--------------|-------------|---------|----------------|-----|------|-------|
| NNW | • 5 | . 8 | •8 | 1.1 | | | <u> </u> | | | | | 3.1 | 8 4 |
| NW | . 2 | . 8 | •6 | 1.5 | | | | | | | | 3.1 | - 3 |
| WNW | .4 | 1.0 | 2,6 | 2.5 | . 4 | 1 | | | | | | 7.0 | 10 |
| w | .3 | . 8 | 3.1 | 8.6 | 1.7 | 1.1 | _ •1 | | | | | 15.7 | 13 |
| wsw | .4 | 1.5 | 2.5 | 4.7 | 1.7 | . 6 | | | | | | 11.7 | 12 |
| sw | •1 | 1.4 | 3.0 | 2.8 | 1.5 | . 4 | •1 | .2 | | | l | 9.6 | 12 |
| SSW | .2 | 1.6 | 4.0 | 3.0 | | - 1 | | | | | | 9.1 | 9 |
| \$ | 1.0 | 4.0 | | | .4 | | | | | | | 12.3 | 8 |
| SSE | • 5 | 1.3 | 1.3 | -4 | | | | | | | | 3.5 | 6 |
| SE | .3 | 1.1 | •2 | • 2 | | | | | | | | 1.8 | |
| ESE | .2 | . 8 | •6 | •1 | | | | | | | | 1.7 | |
| E | .6 | 1.0 | 1.1 | • 4 | | | | | | | | 3.1 | 6 |
| ENE | .6 | .8 | 1.3 | • 5 | | | | | | - | | 3.2 | 7 |
| NE | • 5 | •5 | 1.1 | •6 | | | | | | | | 2.9 | 7 |
| NNE | •4 | 1.1 | 2.2 | -8 | | | | ļ | | | ļ | 2.0 | |
| (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | SPEED |

TOTAL NUMBER OF CESERVATIONS 930

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

GLOBAL CLIMATULUGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-------------|----------|----------|-------------|----------|-------------|----------|----------|-------------|-------------|-------------|-------|-----------------------|
| N | . 3 | • 8 | 1.5 | • 6 | • 1 | | | | | | | 3.3 | 8.5 |
| NNE | . 3 | •4 | •9 | • 5 | | | | | | | | 2.2 | 8 • 1 |
| NE | ٠.5 | 1.2 | ,6 | د. | | | | | | | | 2.9 | 6.8 |
| ENE | . 5 | 2,4 | 1.5 | • 3 | | | | | | | | 4.7 | 6.3 |
| E | 1.0 | 1.7 | 1.1 | •4 | | | | | | | | 4.2 | 6.0 |
| ESE | • 4 | 1.8 | •4 | | | | | | | | | 2.7 | 4.6 |
| SE | • 1 | 1.2 | •6 | | | | | | | | | 1.9 | 5.6 |
| SSE | • 6 | 1.9 | 1.7 | •6 | • 1 | • 1 | | | | | | 5.2 | 7.3 |
| 5 | 1.2 | 4.0 | 3.0 | 1.7 | .2 | | | | | | | 10.1 | 7.5 |
| SSW | • 5 | 1.3 | 2.4 | 1.5 | . 2 | | | | | | | 5.9 | 8.8 |
| sw | • 3 | 1.6 | 2.3 | 2.6 | 1.4 | -1 | • 2 | .1 | | <u> </u> | | 8.6 | 11.6 |
| wsw | • 4 | 1.9 | 2.9 | 4.2 | 1.2 | . 3 | | | <u> </u> | | | 11.0 | 11.1 |
| w | . 5 | 1.4 | 5.9 | 8.6 | | 6. | | | | | | 18.4 | 11.9 |
| WNW | | 1.4 | 2.4 | 2.4 | . 8 | • 2 | • 1 | <u></u> | | | | 7.5 | 10.9 |
| NW | •4 | .6 | 1,5 | 1.5 | .3 | .1 | | | | | | 4.5 | 9.9 |
| NNW | .3 | .3 | • 5 | 1.1 | . 2 | | | | <u></u> | Ĺ | | 2.5 | 10.0 |
| VARBL | | | | | | | | | | <u> </u> | | | |
| CALM | $\geq \leq$ | \times | \times | $\geq \leq$ | \times | $\geq \leq$ | \times | \times | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | 4.4 | |
| • | 8.0 | 24.0 | 29.2 | 26.0 | | 1.6 | .3 | .1 | | | | 100.0 | 9.0 |

TOTAL NUMBER & OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICKENBACKER AFB ÚH STATION MAINE | 68-70,73-79 | JAN BONTH |
|------------------|-----------------------------------|-------------|-----------------------------|
| | | ALL WEATHER | 1800-2000 NOURS (L.S.T.) |
| | | CONDITION | |

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|----------|----------|----------|----------|---------|-------------------|-------------|---------------------------------------|-------------|---------|-----|-------|-----------------------|
| N | .2 | .6 | 2.4 | 1.3 | | | | | | | | 4.5 | 9.0 |
| NNE | .5 | .3 | 1.0 | • 3 | | | | | | | | 2.2 | 7.1 |
| NE | • 6 | •9 | 1.1 | • 3 | | | | | | | | 2.9 | 6.0 |
| ENE | •6 | 2.3 | 1.2 | •4 | | | | | | | | 4.5 | 6.0 |
| E | 1.5 | 2.7 | • 8 | • 3 | | | | | | | | 5.3 | 5.0 |
| ESE | 1.2 | 1.0 | • 1 | | • 1 | | | | | | | 2.4 | 4 • 3 |
| SE | _1.2 | 1.2 | • 9 | • 2 | | • 2 | | | | | | 3.7 | 6.3 |
| SSE | 9 | 1.6 | 1.5 | | • 1 | | | | | | | 4.4 | |
| 5 | 2.2 | 4.3 | 1.6 | •1 | | | | | | | | 8.2 | 5.0 |
| SSW | 1.6 | 2.6 | 1.7 | • 4 | . 2 | | | | | | | 6.6 | 6.7 |
| SW | • 4 | 4.1 | 1.7 | 1.4 | .3 | .1 | •1 | 1 | | l | | 8.3 | 8 |
| WSW | . 3 | 1.7 | 1.8 | 1.7 | • 4 | . 4 | -1 | | <u> </u> | | | 6.6 | 10.4 |
| w | 1.3 | 3,3 | 6.1 | 8.1 | 1.0 | . 4 | | | | | | 20.2 | 10. |
| WNW | ٥٠ | 1.7 | . 8 | • 9 | .2 | 1 | | | | | | 4.3 | 8 • 1 |
| NW | - 4 | 1.1 | 2.2 | •6 | 2 | | | | | | | 4.6 | 8•9 |
| NHW | . 5 | .3 | •9 | - 8 | | | | <u> </u> | | | | 2.7 | 8• |
| VARBL | | | | | | | | | | | | | |
| CALM | \times | \times | \times | \times | > < | $\supset \subset$ | \boxtimes | \geq | \boxtimes | | >< | 8.7 | |
| | 14.2 | 29.7 | 25.6 | 17.2 | 2.8 | 1.4 | .2 | · · · · · · · · · · · · · · · · · · · | | | | 100.0 | 7. |

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC $\frac{\text{FORM}}{\text{JUL 44}}$ 0-8-5 (QL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 | RICKENBACKER AFB ()H | 68-70,73-79 | JAN | 1904TH | 190

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------------|-------|----------|----------|----------|----------|----------|----------|-------------|-------------|-----|-------|-----------------------|
| N | | • 5 | 1.4 | 1.2 | •2 | 1 | | | | | | 4.0 | 9.5 |
| NNE | 1.3 | •4 | 8. | •5 | | | | | <u> </u> | | | 3.0 | 6.2 |
| NE | 1.2 | •5 | 8• | | | | | | | | | 2.5 | 4.8 |
| ENE | 1.0 | 1,2 | 1.6 | •2 | | | | | | | | 4.0 | 6.0 |
| E | 1.4 | 2.2 | 1.5 | •4 | | | | | | | | 5.5 | 5.7 |
| ESE | •2 | 1.4 | •1 | | | | | | | | | 1.7 | 4.6 |
| SE | .8 | .6 | 1.0 | •1 | | | | | | | i | 2.5 | 5.6 |
| SSE | .8 | 1.3 | •6 | •5 | •2 | •1 | | | | | | 3.5 | 7.7 |
| S | 3.7 | 6.3 | 1.8 | 1.4 | •2 | | | | 1 | | | 13.4 | 5.8 |
| SSW | 1.3 | 2.4 | 1.7 | •6 | | •1 | | | | | | 6.1 | 6.5 |
| sw | 1.0 | 1.9 | 1.9 | 1.6 | .1 | | •1 | | | | | 6.7 | 8 • 2 |
| WSW | •3 | 1.2 | 2.2 | 2.0 | •1 | •1 | •2 | | | | | 6.1 | 10.1 |
| w | •6 | 3.4 | 6.0 | 4.5 | 1.1 | •2 | •1 | | | | | 16.0 | 10.0 |
| WNW | . 3 | 1.4 | 1.8 | 1.9 | . 3 | •1 | | | | | | 5.9 | 9.6 |
| NW | • 5 | 1.9 | •8 | 1.0 | • 2 | • 1 | | | | | | 4.5 | 8.1 |
| NNW | •4 | 8. | 1.0 | •5 | .3 | | | | | | | 3.0 | 8.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | \boxtimes | > < | \times | \times | \times | \times | \times | \times | $\supset <$ | $\supset <$ | > < | 11.5 | |
| | 15.3 | 27.5 | 24.9 | 16.7 | 2.8 | .9 | .4 | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC $_{\rm JUL~64}^{\rm FORM}$ 0-8-5 (QL A) previous editions of this form are obsolete

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICKENSACKER AFB UH STATION NAME | 68-70,73-79 | MAN JAN |
|------------------|----------------------------------|-------------|--------------------|
| | | ALL WEATHER | ALL NOUSS (LIS.T.) |
| | | COMPITION | · · |
| | | | |
| | | | |

| SPEED (KNTS) DIR, | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------|-------------|--------|-------------|----------|----------|----------|---------|-------------|-------------|----------|-------|-----------------------|
| N | • 6 | 1.2 | 1.8 | 1.0 | - 1 | | | | | | | 4.6 | 8.0 |
| NNE | •6 | 1.0 | • 9 | •4 | •0 | | | | | | | 2.9 | 6.7 |
| NE | . 8 | . 9 | .7 | • 3 | | | | | | | | 2.7 | 6.0 |
| ENE | 1.1 | 1.6 | 1.1 | • 3 | | | | | | | | 4.1 | 5.8 |
| E | 1.1 | 1.7 | 1.1 | • 3 | | | | | | | | 4.2 | 5.6 |
| ESE | . 5 | 1.0 | • 3 | •0 | •0 | | | | | | | 1.8 | 4.7 |
| SE | . 8 | . 9 | •6 | • 1 | | | | | | | | 2.4 | 5.4 |
| SSE | . 8 | 1.4 | .9 | •4 | | .0 | | | | | | 3.6 | 6.5 |
| 5 | 2.5 | 4.6 | 3.0 | 1.6 | . 2 | .0 | •0 | | | | | 11.9 | 6.6 |
| ssw | 1.0 | 2.1 | 2.5 | 1.9 | . 3 | • 1 | | .0 | | | | 7.9 | 8 • 5 |
| sw | .7 | 2.1 | 2.6 | 1.8 | | • 2 | • | .1 | | | | 8.2 | 9.6 |
| W\$W | .4 | 1.5 | 2.2 | 2.7 | .7 | . 3 | •1 | •0 | •0 | | | 7.8 | |
| w | . 8 | 2.1 | 4.9 | 5.8 | 1.4 | - 5 | •1 | | | | | 15.6 | 11.1 |
| WNW | .5 | 1.4 | 2.1 | 1.6 | .4 | -1 | • | | | | | 6.1 | 9.5 |
| NW | • 3 | 1.0 | 1.2 | 1.1 | . 1 | •0 | | | | | | 3.7 | 8.9 |
| WNN | . 3 | •6 | • 8 | •7 | • 2 | | | | | | | 2.6 | 8.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | >< | $\geq \leq$ | >< | $\geq \leq$ | $\geq <$ | $\geq <$ | $\geq <$ | > < | $\geq \leq$ | $\geq \leq$ | $\geq <$ | 9.7 | |
| | 12.9 | 24.9 | 26.8 | 19.9 | 4.1 | 1.2 | . 3 | .1 | •0 | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS 7439

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 | RICKENBACKER AFB UH | 68-70,73-79 | FEB |
|---------|---------------------|-------------|----------------|
| STATION | STATION MANE | TEARS | MONTH |
| | | ALL WEATHER | 0000-0200 |
| | | CLA\$6 | HOURS (L.S.T.) |
| | | | |
| | | CONDITION | |

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥54 | * | MEAN WIND SPEED |
|-------------------------|-----------|----------|--------|-------------------|----------|---------|-------------|-----------|-----------|--------------|-----|-------|-----------------------|
| N | .8 | 2.6 | 2.6 | 1.1 | •2 | | | | | i — — | i | 7.3 | 7.7 |
| NNE | 1.7 | •5 | 2.2 | 5. | | | | | 1 | | | 4.6 | 5.5 |
| NE | 1.2 | 1.7 | 1.2 | •6 | | | i | i | 1 | 1 | | 4.6 | 6. |
| ENE | 1.7 | 2.0 | 1.1 | •2 | •1 | | | | | | | 5.1 | 5.4 |
| E | 1.7 | .7 | •7 | •2 | •1 | | | | | | | 3.4 | 5.5 |
| ESE | •4 | •2 | | | | | | | | 1 | | •6 | 2.6 |
| SE | •5 | •2 | •2 | • 1 | | | | <u> </u> | | l | | 1.1 | 5.4 |
| SSE | •9 | .8 | •5 | •7 | | | | | | | | 3.0 | 6.4 |
| \$ | 2.8 | 2.2 | 1.5 | •6 | | | | | | | | 7.2 | 5.4 |
| SSW | 1.5 | 3.1 | 3.8 | .9 | .2 | | | | | | | 9.6 | 7.0 |
| SW | •6 | 1.8 | 1.1 | 1.3 | .1 | | | | | | | 4.9 | 8.0 |
| WSW | .8 | 1.1 | 1.9 | 1.8 | | •2 | | | <u> </u> | | | 5.8 | 8.8 |
| w | 1.3 | 1.3 | 3.6 | 3.6 | .4 | •1 | | | | | | 10.2 | 9.9 |
| WNW | •0 | 2.5 | 1.8 | 2.4 | .4 | •1 | | | | | | 7.7 | 9.1 |
| NW | •2 | 1.5 | •7 | 1.4 | •1 | | | | | | | 4.0 | 8.5 |
| NNW | • 2 | 1.2 | 1.4 | 1.4 | .4 | | | i | | | | 4.6 | 9,6 |
| VARBL | | | | | | | | | | | | | |
| CALM | \bowtie | \times | > < | $\supset \subset$ | \times | > < | \supset | \supset | \supset | > < | >< | 16.3 | |
| | 16.9 | 23,4 | 24,3 | 16.6 | 2.0 | •5 | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS

246

USAFETAC FORM 0 8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATULUGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 | RICKENBACKER AFB OH | 68-70,73-79 | FEB_ |
|---------|---------------------|-------------|------------------------------|
| STATION | STATION NAME | TEARS | MONTH |
| | | ALL WEATHER | 0300 ≈0500 HOURS (L.S.T.) |
| | | | |
| | | CONDITION | |

| SPEED (KNTS) DIR, | 1-3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------------------|------|----------|----------|-------------------|---------|---------|------------|------------------|------------|----------------|-------|-----------------------|
| N | 1.4 | 1.9 | 3.4 | •9 | . 4 | | | | | | | 8.0 | 7. |
| NNE | . 8 | 2.1 | 1.9 | و. | | | | | | | | 5.3 | 6.3 |
| NE | 5 | 1.4 | 1.3 | . 5 | | | | | | | | 3.7 | 6.9 |
| ENE | 1.2 | 1.8 | •6 | •6 | | | ļ | | | | | 4.1 | 5.9 |
| E | •ó | 1.3 | •9 | •2 | | | l | | | | | 3.1 | 6.0 |
| ESE | . 4 | •4 | •4 | | | | | | | | | 1.1 | 5.1 |
| SE | • 1 | •2 | • 2 | •1 | • 1 | | | | | | | • 8 | 8 • 4 |
| SSE | .7 | .8 | 1.1 | • 4 | • 2 | | | | | | | 3.2 | 7.2 |
| ٠\$ | 2.7 | 2.4 | 2.1 | • 4 | • 2 | | | | | | | 7.8 | 5.9 |
| SSW | 1.8 | 2.5 | 2.8 | 1.2 | . 1 | | | | | | | 8.4 | 7.1 |
| SW | 1.2 | 2.0 | 2.1 | 1.1 | | •2 | | | | | | 6.6 | 7.0 |
| WSW | . 8 | . 8 | 1.8 | 1.1 | . 5 | | | | | | | 5.0 | 9.1 |
| W | .7 | 1.1 | 3.9 | 2.4 | | | | | | | | 8.5 | ٥,, |
| WNW | . 4 | 1.7 | 2.7 | 1.9 | | .1 | | | | | | 7.3 | 2.5 |
| NW | . 5 | 1.4 | 2.0 | 1.5 | | | | | | | í | 5.4 | 9.2 |
| WMM | .9 | 1.2 | . 4 | 1.3 | •2 | | | | i | | | 4.6 | A e 2 |
| VARBL | | | | | | | | ! | 1 |] | 1 | | |
| CALM | $\supset \subset$ | > < | \times | \times | $\supset \subset$ | > < | | | | | | 17.0 | |
| | 14.7 | 22.9 | 28.3 | 13.9 | 1 | 1 | 1 | Jun mions. | 77.12000 = 5 | izar man y | Contraction of | 100.0 | 6.3 |

TOTAL HUMB IR CIF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL 2) MENIOUS IDITIONS OF THIS FORM AND USAGGET

GLOBAL CLIMATOLUGY REANCH USAFETAC AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| SPEED (KNTS) DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------------|----------|----------|----------|----------|-------------|-------------|--|-----------|-----|-------|-----------------------|
| N | 1.1 | 1.9 | 2.0 | •9 | •7 | | | | | | | 7.2 | 8 • 1 |
| NNE | •6 | 2.5 | 1.9 | | | | | | | | | 5.0 | 6.3 |
| NE | 1.2 | 1.3 | •9 | •6 | | | | | | | | 4.0 | 6.2 |
| ENE | 1.1 | 1.7 | •9 | •5 | | | | | | | | 4.1 | 5.5 |
| E | .9 | 1.4 | 1.2 | •1 | | | | | | | | 3.7 | 5.5 |
| ESE | 8. | .5 | • 4 | | | | | | | ! | l . | 4 | 4 • 1 |
| SE | .2 | .7 | • 1 | •1 | | | | | | | | 1.2 | 5 • 4 |
| SSE | 1.1 | •5 | •7 | • 6 | | | | | | | | 2.8 | 6.3 |
| \$ | 3.4 | 1.7 | 3.1 | 1.9 | .4 | • 1 | | | | <u> </u> | | 10.5 | 7.2 |
| ssw | 1.2 | 2.4 | 3,3 | 1.5 | •4 | • 2 | | | | | | 9.0 | 8 • 4 |
| sw | •8 | 1.5 | 2.1 | 1.5 | .6 | • 2 | | | | i —— | | 6.9 | 9.3 |
| WsW | •1 | .9 | 1.9 | 1.4 | | | | | | | | 4.4 | 9.0 |
| w | 1.1 | 1.2 | 3.1 | 2.0 | | | | | | | | 7.3 | 8.3 |
| WNW | •6 | 1.2 | 3.0 | 2.1 | | | | | | | | 6.9 | 9.2 |
| NW | .7 | 1.3 | 1.3 | 1.7 | , 3, | | | | | | | 5.1 | 8.3 |
| NNW | •9 | .7 | 1.8 | 1.3 | .5 | | | | | | | 5.3 | 9.1 |
| VARBL | | | | | | | | | 1 | T | | | |
| CALM | >< | $\geq \leq$ | \times | \times | \times | \times | \boxtimes | \supset | \boxtimes | \supset | > | 15.0 | |
| | 15.8 | | 28.3 | | 2.7 | . 6 | | | | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS

846

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICKENRACKER AFB UH | | <u> </u> | |
|------------------|---------------------|-------------|----------|----------------|
| STATION | STATION NAME | | TEAGS | 200 M T 25 |
| | | ALL WEATHER | | 0900-1100 |
| | | CLASS | | HOURS (L.S.T.) |
| | | | | |
| | | COMPLTION | | |
| | | | | |

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------------|-------|-------------|---------|-------------|---------|-------------|----------|-------------|-------------|-----|-------|-----------------------|
| N | .8 | 2.7 | 1.3 | 1.7 | •2 | - 1 | | | | | | 7.3 | 8.0 |
| NNE | . 5 | 1.3 | 2.4 | - • 5 | | | | | | | | 4.6 | 7.1 |
| NE | .4 | 1.8 | .7 | • 4 | | | | | | | | 3.2 | 6.1 |
| ENE | . 9 | 2.5 | 2.4 | _1.2 | | | | | | | | 7.0 | 7.2 |
| E | .6 | 1.4 | 2.0 | •4 | | | | | | | | 4.4 | 6.8 |
| ESE | •2 | .6 | .6 | •1 | | | | | | | | 1.5 | 5.9 |
| SE | •2 | . 8 | .5 | _ •1 | | | | | | | | 1.7 | 5 . 8 |
| SSE | .7 | . 8 | •6 | • 4 | | | | | | | | 2.5 | 5.5 |
| 5 | 1.9 | 1.8 | 2.0 | 3.7 | .2 | | | | | | | 9.6 | 8.8 |
| SSW | 1.7 | 2.1 | 2.6 | 4.5 | - 2 | | | | | | | 11.1 | 9.2 |
| SW | 1.1 | . 8 | 1.7 | 2.7 | .6 | . 2 | •1 | | | | | 7.2 | 10.6 |
| wsw | | . 9 | 2.0 | 3.0 | .6 | | 1 | | | [| | 6.6 | 11.4 |
| w | . 5 | 1.2 | 2.6 | 3.7 | 8 | . 4 | L | | | | | 9.1 | 11.4 |
| WNW | . 6 | . 8 | 1.8 | - 5 | 8. | | | | | | | 4.5 | 9.6 |
| NW | 5 | 1.2 | 1.1 | 2.0 | | 1 | | | | | | 4.3 | 9.2 |
| NNW | 6 | .9 | 1.8 | 3.0 | . 2 | | | | | Γ | | 6.5 | 10.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | $\geq \leq$ | > < | $\geq \leq$ | >< | $\geq \leq$ | >< | $\geq \leq$ | $\geq <$ | $\geq \leq$ | $\geq \leq$ | | 8.4 | |
| | 11.1 | 21.7 | 26.4 | 27.5 | 3.8 | . 8 | • 2 | | | | | 120.0 | |

TOTAL NUMBER OF OSSERVATIONS

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR PEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 | RICKENBACKER AFB UH | 68-70,73 | FEB | |
|---------|---------------------|-------------|-------|----------------|
| STATION | STATION NAME | | YEARS | MONTH |
| | | ALL WEATHER | | 1200-1400 |
| | | CLA96 | | HOURS (L.S.T.) |
| | | | | |
| | <u></u> | CONDITION | | |
| | | | | |

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|----------|-----------|-------------|----------|---------|----------|---------|---------|-------------|-------------|-----|-------|-----------------------|
| N | .7 | 2.1 | 2.1 | 1.2 | •5 | | | | | | | 6.6 | 8.5 |
| NNE | •2 | .7 | 1.4 | • 1 | | | | | | | | 2.5 | 7.6 |
| NE | • 1 | .6 | 1.4 | • 5 | • 1 | | | | | | | 2.7 | 8.5 |
| ENE | .8 | 2.0 | 2.7 | 1.2 | +1 | | | | | | | 6.9 | |
| E | .9 | 1.2 | 2.1 | • 2 | | | | | | | | 4.5 | 6.2 |
| ESE | .4 | .7 | .7 | • 2 | | | | | | | | 2.0 | |
| SE | 5 | •9 | •7 | •1 | | | | | | | | 2.2 | 5.9 |
| SSE | .4 | .7 | •6 | | | | | | | | | 1.7 | 5.5 |
| 3 | 1.2 | 1.9 | 1.1 | 2.6 | . 4 | | | | | | | 7.1 | 8.9 |
| SSW | .7 | 1.5 | 3.0 | 2.8 | . 2 | •1 | l | | | Γ | | 9.0 | |
| SW | 1.3 | 1.1 | 2.1 | 4.7 | 1.3 | • 1 | | .1 | | | | 10.8 | |
| WSW | •6 | 1.3 | 1.5 | 3.5 | . 8 | .7 | • 4 | . 1 | | | | 9.0 | 13.0 |
| w | .7 | 1.3 | 3.0 | 7.0 | 1.4 | • 8 | | | | | | 14.2 | 12.4 |
| WNW | .4 | .5 | 2.4 | 3.2 | .7 | | | | | | | 7.1 | 10.9 |
| NW | .6 | .9 | 1.2 | 2.4 | | | | | | | | 5.1 | 9.5 |
| NNW | 6 | .7 | 1.3 | 1.9 | .2 | | | | I | | | 4.7 | 9.5 |
| VARSL | | | | | | | | | | | | | |
| CALM | $\geq <$ | $\ge \le$ | $\geq \leq$ | $>\!\!<$ | > < | \times | \geq | \geq | $\geq \leq$ | $\geq \leq$ | >< | 4.0 | |
| | 10.0 | 18.2 | 27.3 | 31.7 | 6.4 | 1.8 | . 4 | .2 | | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS

DICATCYAC FORM O. S. F. (OR. A.) DATINGUE STATES OF THE SOUL AND ADDRESS

GLOBAL CLIMATULUGY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 | RICKENS ACKER AFB UH | 68-70,73-79 | FEG. |
|--------|----------------------|-------------|-------------------|
| DIATOR | SINIUM HADE | TEARS | BONTH. |
| | | ALL WEATHER | <u> 1500-1700</u> |
| | | CLASE | MOURS (L.S.T.) |
| | | | |
| | | | |
| | | CONSTION | |
| | | | |

| SPEED (KNTS) DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|----------|------|-------------|---------|----------|-------------|---------|-------------|-------------|-------------|----------|-------|-----------------------|
| N | •2 | 1.3 | 2.0 | 1.2 | .1 | | | | | | | 4.8 | 8.4 |
| NNE | .1 | 1.1 | 1.9 | •6 | | | | | | | | 3.7 | 8.2 |
| NE | | 1.3 | 2.1 | •7 | | | | | | | | 4.1 | 8.4 |
| ENE | خ | 1.4 | 3.1 | • 8 | | | | | | | | 5.8 | |
| Ε | 1.1 | 2.0 | 1.1 | . 5 | | | | | | | | 4.6 | 5.9 |
| ESE | .6 | . 4 | •6 | •2 | | | | | | | | 1.8 | |
| SE | 1 | . 4 | . 9 | • 2 | | | | | | | | 1.7 | 7.5 |
| SSE | .4 | .5 | . 5 | . 5 | | | | | | | | 1.8 | 7.7 |
| 5 | . 8 | 1.2 | 1.7 | •9 | .2 | | | | | | | 4.8 | 7. |
| SSW | .7 | 2.0 | 1.9 | 2.2 | 1.3 | 1 | | | | | | 8.3 | 10. |
| SW | .7 | 1.2 | 3.3 | 3.2 | 1.1 | .4 | •1 | .1 | | | | 10.0 | |
| wsw | 1.1 | •9 | 2.2 | 2.2 | 1.3 | | •1 | .1 | | | | 8.2 | 11.0 |
| w | 1 | 2.1 | 3.8 | 6.4 | 1.5 | 4 | • 1 | | | | | 14.4 | |
| WNW | .1 | 1.8 | 3.0 | 3.8 | . 8 | | | | | | | 9.6 | 10.5 |
| NW | .4 | . 5 | 1.5 | 2.5 | . 5 | | | | | | | 5.3 | 11.0 |
| NNW | • 2 | 1.4 | 1.7 | 2.0 | .6 | | L | | | | | 5,9 | 10. |
| VARSL | | | | | | | | | | | | | |
| CALM | >< | X | $\geq \leq$ | imes | \times | $\geq \leq$ | \geq | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | \times | 5.2 | |
| | 7.1 | 19.4 | | 28.0 | 7.4 | 1.1 | .4 | .2 | | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 | RICKENBACKER AFD UH | 68-70,73-79 | | FES |
|---------|---------------------|-------------|-------|----------------|
| STATION | STATION NAME | | TEARS | MONTH |
| | | ALL WEATHER | | 1800-2000 |
| | | CEASE | | HOVES (L.S.T.) |
| | | | | |
| | | COMPITION | · | |
| | | | | |

| SPEED (KNTS) DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|----------|----------|--------|---------|---------|----------|---------|---------|---------|---------|-------------|-------|-----------------------|
| N | •6 | 2,7 | 2.8 | 1.3 | • 1 | •1 | | | | | | 7.7 | 8.0 |
| NNE | . 8 | 2.0 | •9 | • 5 | | | | | · | | | 4.3 | 6.5 |
| NE | .4 | 2,6 | 1.3 | • 2 | | | | | | | | 4.5 | 6.2 |
| ENE | •6 | 1.8 | 2.0 | •6 | | | | I | | | | 5.0 | 6.8 |
| E | .4 | 2.0 | •6 | • 1 | | | | | | | | 3.1 | 5.3 |
| ESE | 8. | 1.1 | •2 | | | | | | | | | 2.1 | 4.1 |
| SE | .9 | .9 | •5 | •1 | | | | | | | | 2.5 | 5.0 |
| SSE | .8 | 1.3 | •6 | •4 | | | | | | | | 3.1 | 5.4 |
| 5 | 2.3 | 2.4 | • 5 | •6 | • 1 | | | | | | | 6.3 | 5.5 |
| SSW | •5 | .9 | 1.8 | 1.4 | .2 | | | | | | | 4.9 | 9.3 |
| SW | •7 | 2.7 | 2.4 | • 8 | •2 | •1 | | |] | | | 7.0 | 7.6 |
| wsw | .7 | 1.4 | 2.0 | 1.8 | •2 | • 1 | •1 | | 1 | | | 6.4 | 9.3 |
| w | 1.3 | 3.1 | 5.1 | 3.0 | .8 | .5 | | | | | | 13.7 | 9.3 |
| WNW | • 2 | 2.0 | 2.3 | 1.8 | .4 | • 1 | | T | | | | 6.3 | 9.4 |
| NW | •5 | 1.3 | 2.0 | 1.9 | .4 | | | | | | | 6.0 | 2.1 |
| NNW | • 5 | 1.7 | 2.4 | 1.8 | .2 | | 1 | | T | T | | 6.5 | 8 • 8 |
| VARBL | | | | | | | i | T - | | | | | |
| CALM | \times | \times | > < | > < | \ge | \times | \geq | \geq | | \geq | $\geq \leq$ | 10.2 | |
| | 12.0 | 30.0 | | 16.2 | | • 9 | | | | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS

844

USAFETAC JAL 44 0-8-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLES

GLUBAL CLIMATULUGY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

RICKENBACKER AFB UH

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED NNE NE ESE SE SSE SSW 1.3 3.8 WSW WNW NW NNW 4.4 10.4 VARBL 14.7

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVA' IONS)

13812 RICKENRACKER AFB UH 68-70,73-79 FEB
STATION NAME
ALL WEATHER
CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 · 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------|-------|----------|----------|----------|----------|---------|----------|-------------|---------|------------|-------|-----------------------|
| N | • B | 2.3 | 2.5 | 1.2 | .3 | •0 | | | | 1 | | 7.1 | 7.5 |
| NNE | .7 | 1.4 | 1.9 | • 4 | | | | | | | | 4.4 | 6.5 |
| NE | •5 | 1.5 | 1.3 | • 5 | .0 | | | | | | | 3 • B | 6.8 |
| ENE | 1.0 | 1.9 | 1.7 | •7 | .0 | | | | | | | 5.3 | 6.8 |
| E | •9 | 1.5 | 1.2 | • 3 | •0 | | | | | | | 3.9 | 5•5 |
| ESE | •6 | •5 | •4 | • 1 | | | | | | | | 1.6 | 4 • 9 |
| SE | .4 | .6 | •4 | • 1 | •0 | | | | | | | 1.6 | 5.8 |
| SSE | • 8 | • 8 | •6 | • 4 | •0 | | | | | | | 2.6 | 6 • 6 |
| S | 2.3 | 2.1 | 1.8 | 1.4 | .2 | •0 | | | | | | 7.8 | 6.5 |
| SSW | 1.1 | 2.0 | 2.7 | 2.0 | . 5 | • 1 | | | | | | 8.3 | 8 • 8 |
| 5W | •9 | 1.6 | 2.0 | 2.0 | • 5 | • 2 | •0 | • () | | | | 7.1 | 9.0 |
| WSW | • 6 | 1.1 | 1.8 | 1.9 | • 4 | •1 | • 1 | .0 | | | | 6.1 | 10.3 |
| w | .9 | 1.7 | 3.7 | 3.9 | .8 | 3 | •0 | | | | | 11.3 | 10• |
| WNW | .4 | 1.6 | 2.3 | 2.2 | .5 | • 1 | | | | | | 7.1 | 9.8 |
| NW | • 4 | 1.2 | 1.4 | 1.8 | .1 | •0 | | | | | | 5.1 | 9.6 |
| NNW | .5 | 1.1 | 1.6 | 1.7 | .4 | .0 | | <u> </u> | <u> </u> | | | 5,3 | 9.6 |
| VARBL | | | | | | | | T | | | | | |
| CALM | >< | > < | \times | \times | \times | \times | > < | $\geq <$ | $\geq \leq$ | \geq | \searrow | 11.4 | |
| | 12.8 | 23.0 | 27.4 | 20.5 | 3.8 | .9 | • 1 | .1 | | | | 100.0 | 7. |

TOTAL NUMBER OF OBSERVATIONS 6761

USAFETAC JUL 44 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATULOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

C

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICKENRACKER AFB OH | 67-70.73-78 | YEARS | MAR MONTH |
|------------------|---------------------|-------------|-------|-----------------------------|
| STATION | BIATION RANG | ALL WEATHER | TEASS | 0000=0200 HOURS (L.S.T.) |
| | | CONDITION | | 10012 (613.11) |
| | | , | | |
| | | | | |

| SPEED (KNTS) DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------|----------|--------|---------|---------|----------|---------|---------|--|-------------------|-----|-------|-----------------------|
| N | 1.3 | 3.1 | 2.6 | 1.1 | . 3 | | | | | | | 8.4 | 7. |
| NNE | _1.1 | 2.4 | 1.4 | .6 | | | | | | | | 5.5 | 6 |
| NE | 1.3 | 1.9 | 1.3 | .5 | - 19 | | | | | | | 5.4 | 6 |
| ENE | 1.0 | 2.3 | 2.0 | • 2 | | | | | | | | 5.5 | 6 |
| E | 1.3 | 2.5 | 1.5 | • 2 | | | | | | | | 5,5 | 5 |
| ESE | 1.0 | 1.2 | 1.1 | | | | | | | | | 3.2 | 5 |
| SE | .8 | • 2 | •6 | • 3 | | | | | | | | 1.9 | |
| SSE | . 9 | 1.9 | 1.2 | 1.0 | .1 | | i | | | | | 5.1 | 7 |
| S | 1.6 | 4.2 | 2.6 | 1.0 | .1 | | | | | | | 9.5 | 6 |
| ssw | 1.1 | 1.4 | 1.9 | 1.5 | | | | | | | | 5.9 | 8 |
| SW | 8 | 1.8 | •6 | .4 | 3 | | | i | | | | 4.0 | |
| WSW | 1.0 | 1.1 | 1.1 | 1.0 | | | | | | | | 4.1 | 7 |
| w | .3 | 2.8 | 2.7 | 1.7 | . 5 | • 2 | | | | | I' | 8.3 | 9 |
| WNW | . 2 | | 2.9 | 1.5 | . 3 | | 1 | | | | | 6.6 | |
| NW | . 1 | 1.1 | 1.3 | 1.2 | .2 | | | | | ļ | | 3.9 | |
| NNW | • 4 | . 9 | 1.3 | 1.5 | . 4 | | | | | | | 4.5 | |
| VARSL | | | | | | | | | | | t | | |
| CALM | > < | $>\!\!<$ | > | > | > | \times | > < | > < | > < | $\supset \subset$ | > < | 12.9 | |
| | 14.0 | 30.2 | | 13.8 | 2.7 | | | | | | | 100.0 | <i>'</i> . |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $_{\mathrm{AN, 64}}^{\mathrm{FORM}}$ 0-8-5 (OL A) previous editions of this form are obsolete

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

(

C

C

Michigan Andrews (1977)

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICKENRACKER AFB UH | 67-70,73-78 | MAR MONTH |
|------------------|---------------------|-------------|-----------|
| | | ALL WEATHER | 0300-0500 |
| | | CONDITION | |

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 46 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|----------|----------|----------|-------------|--|--|----------|-----|-------|-----------------------|
| N | 1.0 | 2.6 | 2.8 | • ₺ | | | | | | | i | 7.1 | 6.7 |
| NNE | 1.0 | 1.9 | 1.0 | • 8 | | | | | | | | 4.6 | 6.5 |
| NE | 1.6 | 1.9 | 1.8 | • 1 | • 2 | | | | | | | 5.7 | 6.1 |
| ENE | 1.6 | 1.5 | 1.8 | •6 | •1 | | | | 1 | | | 5.7 | 6.4 |
| E | 1.7 | 2.0 | 1.3 | . 2 | | | | | 1 | | 1 | 5.3 | 5.7 |
| ESE | . 8 | 1.2 | • 3 | • 2 | | | | | 1 | | | 2.5 | 5.0 |
| SE | .0 | • 5 | • 2 | • 2 | | | | ! | | | | 1.6 | 5.2 |
| SSE | • 3 | 1.1 | • 5 | •9 | • 1 | | | | | | | 2.9 | 8.1 |
| \$ | 3.0 | 4.3 | 3.2 | 1.4 | • 2 | | i | | | 1 | | 12.2 | 6.2 |
| ssw | _ 1.7 | 1.7 | 3.1 | 1.5 | .4 | | | | | | | 8.5 | 7.9 |
| SW | _ 1.3 | 1.5 | • 4 | •6 | • 1 | • 1 | | | | | | 4.1 | 6.8 |
| wsw | .5 | 1.1 | • 9 | 1.0 | ,2 | •1 | | | | 1 | 1 | 3.8 | 9.0 |
| w | 3 | 2.2 | 3.0 | 1.9 | •1 | . · ì | | | | 1 | T | 7.6 | 8.8 |
| WNW | . 2 | 1.5 | 1.5 | 1.8 | • i | • 2 | | | | | | 5.4 | 9.7 |
| NW | .2 | •6 | 2.4 | 1.0 | . 2 | | | | 1 | | | 4.4 | 9.0 |
| NNW | 8. | 1.3 | 1.6 | 1.2 | •1 | •2 | i - | | | | | 5.2 | 8.8 |
| VARBL | | | | | | | | | 1 | | 1 | | |
| CALM | | \ge | \ge | \times | \times | $\geq <$ | $\geq \leq$ | $\geq \leq$ | \geq | $\geq <$ | | 13.5 | |
| | 16.7 | 27.0 | 25.9 | 14.2 | 1.9 | | | | | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC FORM 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

GLOBAL CLIMATULOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

NNW VARBL

RICKENBACKER AFB OH

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| | | | | | ALL W | FATHFR W | | | | | | 060 | 0=080 (Li.t.) |
|-------------------------|-------|-------|--------|---------|---------|-------------|---------|-------------|---------|---------|-----|------|-----------------------|
| | | | | | COM | DITION | | | | | | | |
| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
| N | 1.2 | 2.5 | 2.0 | 1.9 | | | | | l | | | 7.6 | 7, |
| NNE | .6 | 2.7 | 1.1 | 5 | | | | | | 1 | | 4.9 | |
| NE | 2.3 | 1.7 | 1.0 | | | | | | | | | 5.8 | |
| ENE | 2.0 | 1.2 | 1.8 | | | | | | | | | 5.6 | |
| E | 2.0 | 1.8 | 1.3 | • 4 | | | | | | | | 5.6 | |
| ESE | . B | .6 | •1 | ار و | | | | | | | | 1.8 | |
| SE | 1.3 | - 5 | •2 | | | | | | | | | 2.0 | |
| SSE | 1.5 | 1.1 | .5 | 1.0 | 1 | | | | | | | 4.2 | 6. |
| S | 1.9 | 4.0 | 3.2 | 2.7 | 2 | | | | | | | 12.0 | |
| ssw | 1.4 | 2.3 | 2.3 | 1.7 | . 2 | | | | | | | 8.0 | 7. |
| _sw_ | 1.5 | 6 | 1.8 | . 3 | . 3 | | | | | | | 4.7 | 7. |
| WSW | 8 | 9 | 4 | 1.2 | 3 | | | | | | | 3.5 | 9. |
| w | .4 | 1.7 | 3.4 | 2.1 | 4 | | | | | | | 8.2 | 9. |
| WNW | 5 | 1.6 | 1.3 | lel | . 3 | 2 | | | | | | 5.1 | 9. |
| NW | . 1 | - 6 | 1.4 | . 0 | | | | i | | | | 3.0 | 0. |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0.8-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

- The second

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13812 RICKENRACKER AFB UH 67-70,73-78

STATION STATION HAME ALL WEATHER 0900-1100

CLAMB HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1.3 | 4.6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------------|----------|--------|----------|----------|-------------|-------------|---------|----------|---------|-----|-------|-----------------------|
| N | • 3 | 1.1 | 2.3 | 2.2 | .2 | | | | | | | 6.0 | 9. |
| NNE | . 2 | 1.1 | 1.5 | 1.0 | .3 | | | | | | | 4.1 | 9. |
| NE | . 2 | .9 | 1.0 | 1.1 | . 1 | | | I | | \ | | 3.2 | 9• |
| ENE | • 9 | 1.9 | 2.0 | 1.0 | • 1 | | | | | | | 5.9 | 7. |
| E | • 8 | 2.8 | 2.8 | • 6 | | | | | | | | 7.0 | 6. |
| ESE | . 9 | .5 | 1.1 | • 3 | | | | | | | | 2.8 | 6. |
| SE | • 2 | .9 | 1.0 | • 2 | | | | | | | | 2.3 | 7. |
| SSE | . 9 | 1.8 | 1.0 | 1.0 | . 1 | | | | | | | 4.7 | 7• |
| S | 1.3 | 2.8 | 4.1 | 2.3 | • 5 | | | | | | | 11.0 | 8 • |
| SSW | . 9 | 1.6 | 3.2 | 4.4 | .4 | | i | | | | | 10.5 | 9. |
| sw | • 2 | 1.3 | 2.8 | 2.8 | 1.1 | • 2 | | | | | | 8.4 | 11. |
| wsw | • 1 | .5 | 1.8 | 2.4 | .4 | • 1 | | | | | | 5.4 | 11. |
| w | • 5 | 1.4 | 1.9 | 4.6 | ٠, | • 4 | | | | | | 9.8 | |
| WNW | . 4 | 1.0 | 1.8 | 1.7 | . 5 | •1 | | | | l | | 5.6 | 9• |
| NW | | - 8 | 1.3 | 1.8 | | . 2 | | | | Ĭ | | 4.2 | 10+ |
| WNN | • 3 | 1.0 | 2.6 | 1.1 | . 2 | | l | | | | | 5.2 | 8 • |
| VARBL | | | | | | | | | | | | | |
| CALM | $\geq \leq$ | \times | >< | \times | \times | $\geq \leq$ | \boxtimes | \geq | \times | >< | >< | 4.0 | |
| | 8.1 | 21.3 | 32.2 | 28.4 | 5.1 | 1.1 | | | | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR DEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICKENRACKER AFB UH | | MAR MONTH |
|------------------|---------------------|-------------|-----------------------------|
| | | ALL WEATHER | 1200-1400 HOURS (L.S.T.) |
| | | CONDITION | |

| SPEED (KNTS) DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------|------|--------|----------|---------|---------|-------------|--|---------|--|-----|-------|-----------------------|
| N | . 3 | . 8 | 3.3 | 1.4 | - 1 | - 1 | | | | | | 6.0 | 9. |
| NNE | 5 | .9 | 1.3 | 1.6 | 1 | | | | | | | 4.4 | 8 |
| NE | . 4 | | . 9 | . 4 | 2 | | | | | | | 2.9 | |
| ENE | . 8 | 1.6 | 2.2 | •6 | | | | | | | | 5.2 | 6. |
| Ę | . 3 | | 1.6 | . 8 | | | | | | | i | 4.4 | |
| ESE | . 3 | | 1.0 | | | | | | | | | 1.6 | |
| SE | . 2 | 1.6 | • 9 | . 1 | | | | | | | | 2.8 | |
| SSE | .4 | | 1.0 | • 4 | .2 | | | | | | | 3.0 | |
| S | .9 | 1.5 | 3.2 | 1.7 | . 5 | - 1 | | | | | | 8.0 | |
| SSW | .3 | | | | 1.2 | 3 | | 1 | | | | 9.9 | |
| sw | | . 8 | 2.0 | | | -4 | | | | | | 9,,9 | |
| wsw | . 5 | . 5 | 1.2 | 3.1 | 1.3 | . 4 | | | | | | 7.2 | |
| w | - 4 | | | | 2.7 | 1.0 | | | | | | 15.7 | |
| WNW | . 2 | 1.2 | 2.3 | 2.5 | .5 | .3 | •1 | <u> </u> | | | | 7.1 | 11 |
| NW | | .9 | 2.2 | 1.7 | 6 | • 1 | | | | | | 5.5 | |
| NNW | •1 | 1.0 | • 8 | 1.8 | .2 | | | | | | | 3.9 | |
| VARBL | | | | | | | | | | | | | |
| CALM | | > < | > | \times | > < | > < | > < | $\supset <$ | > < | >> | > < | 2.6 | |
| | 5.8 | 17.4 | 29.7 | 32.0 | 9.4 | 2.8 | . 3 | · | , | | | 100.0 | . 10 |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 | RICKENPACKER AFB OH | 67-70,73-78 | MAR | | |
|---------|---------------------|-------------|----------------|--|--|
| STATION | STATION NAME | YEARS | MONTH | | |
| | | ALL WEATHER | 1500-1700 | | |
| | | CIASE | HOURS (L.S.T.) | | |
| | | | | | |
| | | COMPITION | | | |
| | | | | | |

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------------|-------------|----------|---------|----------|----------|----------|---------|---------|---------|-----|-------|-----------------------|
| N | •6 | _ ,5 | 2.5 | 1.7 | ,2 | • 1 | | | | | | 5.7 | 9. |
| NNE | .4 | 5 | 1.6 | 1.9 | .1 | | | | | | | 4.6 | |
| NE | .8 | 1.1 | 1.0 | 1.1 | •1 | | | | | | | 4.0 | 7. |
| ENE | 1.0 | 2.6 | 1.7 | • 2 | | | | | | | | 5.5 | 6.0 |
| E | .4 | 1.4 | 1.4 | •5 | | | | | | 1 | 1 | 3.8 | 6.8 |
| ESE | •2 | . 6 | 1.6 | • 3 | | | | | | | | 2.8 | 7.4 |
| SE | • 2 | 1.0 | • 4 | • 1 | | | | | 1 | | | 1.7 | 1,09 |
| SSE | .4 | 1.3 | 1.1 | • 3 | •1 | | | | | 1 | | 3.2 | 7. |
| \$ | •3 | 1.9 | 1.9 | 1.0 | •2 | • 2 | •1 | | | | | 5.7 | 9. |
| SSW | •4 | 1.4 | 2.3 | 2.0 | 1.4 | •6 | •1 | | ſ | | T | 8.3 | 12.0 |
| SW | • 1 | 1.2 | 2.9 | 4.0 | | • 3 | • 1 | | i | | | 11.1 | 12.0 |
| WSW | .6 | _ •6 | 1.7 | 2.0 | 1.2 | • 1 | | | | | | 6.9 | 11. |
| W | • 6 | 1.7 | 3.7 | 5.1 | 2.4 | 6 | | | | | | 14.1 | 12. |
| WNW | .4 | 1.2 | 2.6 | 3.2 | 1.0 | . 2 | | .1 | · | | | 8.7 | 11. |
| NW | • 2 | 4 | 1.3 | 3.7 | .3 | • 3 | •2 | | | | | 6.5 | 12. |
| NNW | .8 | .3 | 1.4 | 2.0 | ,3 | | | | | 1 | | 4.8 | 10. |
| VARBL | | | | K | | | | | · · | : | | | |
| CALM | $\supset <$ | $\geq \leq$ | \times | > < | \times | \times | \times | \geq | > < | \geq | | 2.1 | |
| | 7.6 | 17.8 | 29.0 | 30.4 | | 2.6 | | | | | | 100.0 | 10• |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $_{AR-44}^{\rm FORM}$ 0 8-5 (QL. A) Previous editions of this form are obsolete

GLOBAL CLIMATULUSY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICKENBACKER AFB LIH | 67-70,73-78 YEAR | MAR MONTH |
|------------------|----------------------|------------------|------------|
| | | ALL WEATHER | 1800=2000. |
| | | COMPLITION | |
| | | | |

| SPEED (KNTS) DIR, | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------|-------------|----------|-------------|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------|-----------------------|
| N | . 5 | 2.2 | 3.9 | 1.5 | -1 | | | | | | | 8.2 | 8. |
| NNE | .4 | 1.8 | 1.6 | | 2 | | | | | | | 4.7 | 7. |
| NE | - 4 | _1.6 | 1.3 | lel | | | | | | | | 4.4 | 7. |
| ENE | 1.4 | 2.8 | 1.3 | - 2 | | | | | | | | 5,7 | 5.• |
| E | 1.6 | 2.2 | 2.0 | . 4 | | | | | | | | 6.2 | 5. |
| ESE | • 9 | 1.9 | •6 | . 4 | | | | | | | | 3.9 | 5. |
| SE | 1.0 | . 9 | , 4 | | | | L | | | | | 2.5 | 5. |
| SSE | 1.2 | 0 | | | | | | L | | | | 2.4 | 4 |
| \$ | 2.2 | 2.0 | | 5 | 6 | 1 | | | | | | \$e7 | 6. |
| SSW | 4 | 2.2 | 2.2 | 1.5 | 3 | | | <u> </u> | <u> </u> | | | 7.3 | 8. |
| SW | 1.0 | 2.0 | 1.4 | 1.3 | 2 | | 1 | ļ | | | | 6.0 | <u>8 •</u> |
| WSW | 3 | اقملت. | 2.4 | - 8 | 2 | | | | | <u> </u> | | 5.1 | 8. |
| W | | 1.8 | 4.2 | 2.4 | 1.0 | | | | | | | 10.0 | _10. |
| WNW | 1.4 | 1.5 | 2.9 | 3.2 | 9 | 1 | <u> </u> | | | | | 10.0 | 9. |
| NW | 6 | | 1.5 | | 3 | | <u> </u> | <u> </u> | | | | 6.1 | 9. |
| NNW | 3 | 1.2 | 1.6 | . 8 | 4 | | | | | | | 4.3 | 9, |
| VARBL | | | | | | | | ļ | Ļ, | | | | |
| CALM | >< | $\geq \leq$ | $>\!\!<$ | $\geq \leq$ | \times | $\geq \leq$ | 6.6 | |
| | 14.1 | | 29.7 | 16.7 | | 6 | | | | | | 100.0 | 7. |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM (0.8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICK | NBACKER AFB UH 67-70, 73-78 | | | | | | | | | | | 1 | MAR | |
|------------------|-----------------|-----------------------------|--------|--------|---------|---------|---------|-------------|--------------|----------------|----------|-------------|--------------|----------------|--|
| STATION | | | STATIO | MANE | | | | | | YEARS | | | | IONTH | |
| | | | | | | ALL WI | ATHER | | | | | | 2100 | 0-2300 | |
| | | | | | | C | A95 | | | | | | NOVE | (L.S.T.) | |
| | | | | | | | | | | | | | | | |
| | | | | | | COM | DITION | | | · | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | n 1 | | |
| | SPEED (KNTS) | 1-3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | | 48 - 55 | ≥56 | , × | MEAN WIND | |
| | DIR. | '-" | 4.0 | 7.10 | 11 - 15 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 . 33 | 250 | , , | SPEED | |
| | N | | 2 4 | 3.0 | 1 0 | 3 | | | | | | | 7.3 | 8.1 | |
| | NNE | 1.0 | 2.4 | 2.4 | | .1 | | | | | | ļ | 6.6 | 7.8 | |
| | NE | · | | | | • • | | | | - | | | 4.8 | 6.6 | |
| | ENE | 1.0 | 1.6 | 1.6 | •6 | | | | | <u> </u> | | | 5.3 | | |
| | | 1.2 | 1.8 | 1.8 | •4 | | | | | | | ļ | | 6 • 4 5 • 8 | |
| | E | 1.5 | 4.3 | 2.5 | | | | | | <u> </u> | | | 8.8 | 5 6 | |
| | ESE | •6 | 1.2 | . 8 | | | | | ļ | | | | 2.6 | | |
| | SE | .5 | 1.4 | 1.1 | • 4 | | | | ļ | | | <u> </u> | 3.4 | 6.7 | |
| | SSE | 2.5 | 2.7 | 1.4 | | | | | | | | | 6.8 | 4.8 | |
| | 5 | 3.5 | 3.2 | 1.6 | 1.1 | .1 | | | | | | | 9.6 | | |
| | SSW | 1.0 | 1.3 | 1.7 | 1.0 | .2 | -1 | | | | | <u></u> | 5.3 | | |
| | sw | .3 | 1.2 | 1.0 | - 60 | | • 2 | | <u> </u> | | <u> </u> | | 3.3 | | |
| | WSW | | 2.2 | •8 | -1 | | | | | | | | 3.0 | | |
| | w | 8. | 3.0 | 3.3 | 2.3 | . 3 | .3 | | | | | | 10.0 | 9.0 | |
| | WNW | .3 | 2.5 | 2.8 | | .1 | | | | | | | 7.4 | 8.4 | |
| | NW | •3 | 2.3 | 1.3 | | . 4 | | | | | | | 5.2 | 8.6 | |
| | ним | •6 | .1 | •4 | | 2 | - | | | | | | 2.2 | 9.6 | |
| | VARSL | T | | | | | | | | | | l ———— | | | |
| | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATULOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | PICKENPACKER AFH 11H 57-70,73-78 | MAR |
|------------------|----------------------------------|-----------------------|
| | ALL MEATHER | AL1 HOURS (L.S.T.) |
| | COMPITION | |

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|--------|-------------|----------|-------------|-------------|---------|---------|-------------|-------------|-------------------|-----|-------|-----------------------|
| N | •7 | 1.9 | 2.8 | 1.4 | . 2 | | | | | | | 7.0 | 8.2 |
| NNE | .7 | 1.6 | 1.5 | 1.1 | .1 | | | <u> </u> | t | | | 4.9 | 7.8 |
| NE | 1.0 | 1.5 | 1.2 | .7 | 1 | | | | l | | | 4.5 | 6.5 |
| ENE | 1.2 | 2.0 | 1.8 | • 5 | .0 | | | | | | | 5.5 | 6.3 |
| đ | 1.2 | 2.3 | 1.8 | | | | | | | | | 5.8 | 6.1 |
| ESE | .7 | 1.0 | . 8 | . 2 | | | | | | l —— | | 2.6 | 5.8 |
| SE | اه | . 9 | •6 | • 2 | | | | | | | | 2.3 | 5.9 |
| SSE | 1.0 | 1.5 | •9 | •6 | 1 | | | | ļ ——— | | | 4.0 | 6.5 |
| 5 | 1.8 | 3.0 | 2.7 | 1.5 | . 3 | 1 | . 0 | | | | | 9.3 | 7.2 |
| S5.W | - 9 | 1.6 | 2.6 | 2.2 | 5 | | •0 | | | | | 8.0 | 9.5 |
| SW_ | اه | 1.3 | 1.6 | 2.0 | 7 | 2 | | | | | | 6.4 | |
| WSW | اخما | 1.0 | 1.3 | 1.5 | 5 | 1 | -0 | | | | | 4.9 | 10.2 |
| w | 5 | _2.1 | 3.2 | 3.3 | 1.0 | 3 | 0 | | | | | 10.5 | 10.8 |
| WNW | 5 | 1.5 | 2.3 | 2.1 | 5 | 1 | 1) | .0 | | | | 7.0 | 10.0 |
| NW | 2 | | 1.6 | 1.6 | 3 | | | | | | | 4.8 | 10.2 |
| NNW | 4 | | 1.4 | 1.2 | | 0 | | | | | | 4.2 | 9.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | \sim | $\geq \leq$ | $>\!\!<$ | $\geq \leq$ | $\geq \leq$ | >< | >< | $\geq \leq$ | $\supset <$ | $\supset \subset$ | >< | 8.2 | |
| | 12.6 | | | i i | 4.5 | J. 1 | . 1 | 0 | | | | 100-0 | |

TOTAL NUMBER OF OBSERVATIONS 7440

USAFETAC FOLM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 | RICKENBACKER AFB UH | 67-70,73-78 | APR | | | | | |
|---------|---------------------|-------------|-----------------------------|--|--|--|--|--|
| BOLTATE | STATION NAME | YEARS | MONTH | | | | | |
| | | ALL WEATHER | | | | | | |
| | | CLASS | 0000=0200 HOURS (L.S.T.) | | | | | |
| | | | | | | | | |
| | | CONDITION | - | | | | | |

| SPEED (KI4TS) DIR. | 1 - 3 | 4 - 6 | 7 - 19 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|--------------------------|-------|-------|----------|----------|---------|---------|---------|-------------|-------------|-------------|-----|-------|-----------------------|
| N | 1.1 | 4.2 | 2.4 | 1.1 | • 2 | | | | | | | 9.1 | 7.0 |
| NNE | 1.0 | 2.1 | • 7 | •6 | | | | | | | | 4.3 | 5.7 |
| NE | 1.1 | 3.1 | 1.6 | • 2 | | | | | | | | 6.0 | |
| ENE | .9 | 1.9 | 1.1 | •1 | | | | | | | | 4.0 | 5.7 |
| E | 1.0 | 2.8 | . 8 | • 3 | | | | | | | | 4.9 | 5.3 |
| ESE | 8. | •6 | • 2 | | | | | | | | | 1.6 | 4.0 |
| SE | .4 | •6 | • 3 | | | | | | | | | 1.3 | 5.0 |
| SSE | 1.8 | 2.4 | 1.0 | .4 | | | | | | | | 5.7 | 5.3 |
| 5 | 4.0 | 4.0 | 2.4 | • B | | | | | | | | 11.2 | 5•l |
| SSW | 2.0 | 2.4 | 1.9 | • 9 | . 3 | | | | | | | 7.8 | |
| sw | 1.2 | .9 | 2.6 | 1.8 | | • | | | | | | 6.5 | |
| wsw | .4 | . 8 | •6 | • 9 | • 1 | | | | | | | 2.8 | 8.4 |
| w | . 1 | 1.2 | 2.0 | 2.2 | .4 | •1 | | | | | | 6.1 | 10.5 |
| WNW | • Ž | . 8 | 1.2 | 1.6 | •6 | | | | | | | 4.3 | 10.7 |
| NW | .6 | 1.0 | •7 | • 7 | • | | | | <u> </u> | | | 3.0 | |
| NNW | . 3 | . 9 | •9 | .3 | | | | | | | | 2.4 | 5.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | >< | >< | \times | \times | >< | >< | | $\supset <$ | $\supset <$ | $\supset <$ | >< | 18.9 | |
| | 17.0 | 29.7 | 20.4 | 11.9 | 1.8 | . 3 | | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATULOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION AND ALL WEATHER CARDITION

CONDITION

ALL WEATHER

CONDITION

CONDITION

APR

MOUTE (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------------|---------------|--------------|--------------|--------------|--|-------------------|--|--------------|----------------|--|-------|-----------------------|
| | | | | | | | | | | | | 9.6 | 6.3 |
| N | 2.3 | 3.4 | 2.4 | 1.2 | | | | | | | | 5.6 | 5.1 |
| NNE | | 2.9 | 1.0 | | | | | | | | | 4.0 | 5.0 |
| NE | 9 | 2.4 | | | | | | | | | | 5.1 | 5.1 |
| ENE | 1.8 | 1.9 | | 2 | | | | | | | | 6.0 | |
| E | 1.4 | 2.2 | 2.1 | 2 | | | | | | i - | | 1.6 | |
| ESE | . 7 | 6 | . 3 | | | | | | | | <u> </u> | 1.0 | |
| SE | - 4 | - 6 | | | | <u> </u> | | <u> </u> | | | | 4.4 | |
| \$SE | 1.2 | 1.8 | 1.2 | 2 | | | | ļ | ├ ── | | | 10.9 | |
| 5 | 2.7 | 4.8 | 2.7 | 7 | 1 | | | <u> </u> | | | | | |
| ssw | 2.0 | 1.7 | 2.2 | 1.3 | | i | | <u> </u> | | | | 7.2 | |
| sw | 1.4 | 1.7 | 1.6 | 1.3 | 1 | | <u> </u> | | | - | | 6.1 | |
| wsw | 100 | . 8 | | | . 3 | | نم | | <u> </u> | - | | 2.9 | |
| w | | - 8 | 2.3 | | _ | | 1 | 1 | | ↓ | _ | 5.8 | |
| WHW | - 3 | 1.2 | 1.3 | | | | | | | <u> </u> | | 4.7 | |
| | 11 | 1.2 | - 2 | .8 | . 2 | | | | I | <u> </u> | | 2.9 | |
| NW | 4 | | 1 | | | — | | | T | <u> </u> | | 3.2 | 8.0 |
| NNW | 4 | 6 | 1-1-6 | 1 | + | | | | | | J | | |
| VARBL | | — | | \leftarrow | \leftarrow | $\overline{}$ | $\forall \forall$ | * | 1 | | | 19.1 | 1 |
| CALM | \sim | <i>></i> < | | | | | | | | + | + | - | |
| | 17.8 | | 21.0 | 1.2 0 | 1.2 | , | 1 | , | | | 1 | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH USAFCTAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICKENBACKER AFB UH | 67-70,73-78 | APR |
|------------------|---------------------|-------------------|----------------------------|
| | | ALL WEATHER CLASS | 0600-0800 HOURE (LE.T.) |
| | | COMBITION | |

| SPEED (KNTS) DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------|------|----------|----------|---------|-------------|-------------|-------------|---------|-------------|--------------------|-------|-----------------------|
| × | .9 | 2.1 | 2.3 | 1.7 | | | | | | | | 7.0 | 7.8 |
| NNE | 1.7 | 1.8 | • 7 | • 2 | | | | | | | | 4.3 | 4.9 |
| NE | 2.1 | 1.8 | 1.1 | • 3 | | | | | | | | 5.3 | 5.0 |
| ENE | 1.4 | 2.2 | -8 | •6 | .2 | | | | | | | 5.2 | 6.3 |
| E | 1.7 | 2.1 | 1.8 | 1.1 | | | | | | | | 6.7 | 6.4 |
| ESE | .4 | . 3 | • 2 | • 1 | | | | | | | | 1.1 | 5.5 |
| SE | . 8 | 1.1 | | | | | | | | | | 1.9 | 3.6 |
| SSE | 1.1 | 2.2 | 9 | | | | | | | | | 4.2 | 5∙ 0 |
| 5 | 2.0 | 4.4 | 3.2 | 1.7 | .1 | | | | | | | 12.0 | 6.5 |
| SSW | 1.4 | 2.4 | 3.8 | 1.1 | .4 | | | | | | | 9.2 | 7.5 |
| SW | .7 | .8 | 1.6 | 1.3 | ,3 | | | | | | | 4.7 | 9.1 |
| W\$W | • 1 | 1.2 | 1.4 | 1.0 | .1 | •1 | | | | | | 4.0 | |
| w | • 4 | .4 | 1.8 | 2.4 | 2 | | 1 | | | | | 5.4 | 10.9 |
| WNW | .3 | 1,2 | 1.8 | 1.3 | .3 | •2 | •1 | | | | | 5.3 | 16.3 |
| NW | • 6 | 1.0 | •9 | • 7 | | | | | | | | 3.1 | 7 • 3 |
| WMM | .8 | • 2 | 2.1 | 1.2 | .2 | | T | | | | | 4.6 | 9.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | >< | > < | $\geq <$ | \times | X | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | \geq | $\geq \leq$ | $\triangleright <$ | 15.9 | |
| | 17.0 | 25.4 | 24.3 | 14.8 | | .3 | •2 | | | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| STATION | RIUK | ENDACRE | RAFE 1914 67-70, 73-78 STATION RANGE TEANS | | | | | | | | | | MONTH | | |
|---------|-------------------------|---------|--|--------|----------|---------|---------|--|---------|--------------|----------------|--------------|-----------------------------|-----------------------|--|
| | | 44.74 | ALL WEATHER | | | | | | | | | | 1900-1100 HOURS (L.S.Y.) | | |
| | | | CONDITION | | | | | | | | | | | | |
| | SPEED (KNTS) DIR, | 1.3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥54 | * | MEAN WIND SPEED | |
| Γ | N | | 1.2 | 1.9 | 2.0 | . 1 | | | | | | | 5.8 | 9. | |
| | NNE | .71 | 1.7 | 1.9 | 3 | .1 | | | | | | | 4.7 | 7. | |
| | NE . | أما | 3 | 1.3 | 7 | | | | | | | | 3.3 | 6. | |
| | 425.E | 1.4 | 1.1 | 2.6 | - 4 | | | | | | | | 5.8 | 7. | |
| L | | 1.1 | | 1.9 | .9 | 1 | | | | | | | 5.5 | | |
| ļ., | ESE | 100 | 1.6 | 8 | ادمــــا | | | | | <u> </u> | <u> </u> | <u> </u> | 3.2 | 6. | |
| 1 | SE | 3 | | فإ | 2 | | | | | | <u> </u> | <u> </u> | 2.3 | | |
| į. | 352 | | لقمل | 1.7 | 2 | 1 | | | | | <u> </u> | ļ | 4.1 | 6. | |
| Ļ. | | | إفعات | 5.6 | 2.8 | 3 | | | | | ↓ | | 13.0 | 8 | |
| Ť. | SSW | - 6 | _ 2.1 | 3.2 | 3.2 | 1.3 | | | | | ļ | | 10.6 | _10• | |
| ļ. | | 27 | | 1.4 | 2.1 | | | | | <u> </u> | - | | 5.7 | _11. | |
|]- | WSH / | | lel | 2.4 | 2.9 | 3 | | بعــــــــــــــــــــــــــــــــــــ | | ļ | | | 7.7 | _11. | |
| ŀ | | | 6 | 2.3 | 3.7 | | | 2 | | | | | 8.5 | -110 | |
| ļ- | WHW | | 3 | 1.6 | 2.0 | | 3 | | | | | | 5.6 | | |
| ļ- | WWW YW | | 2 | 1.2 | 1.9 | 6 | | | | | | | 4.3 5.7 | | |
| ļ | VARBI | | 2 | 1.6 | 3.2 | - 2 | | | | | | | | 10. | |
| t | CAL" | | > < | > < | > < | > < | > < | >> | > < | \supset | >> | \times | 3.3 | | |
| | Transec | 12.0 | 18.1 | 31.9 | 26.9 | 6.1 | 1.2 | . 3 | | | | | 100.0 | 9. | |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF TH'S FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| | RICK | ENPACKE | R AFB | UH | | | 67. | .70,73 | -78 | | | | | APR | |
|-------------|------------------------|---------|----------|-------------------------|----------|---------|---------|-------------|---------|---------|-------------|-----|------|-----------------------|--|
| | | | NOITA\ 3 | MARE | | | | | 1 | EVAL | | | | ONTH | |
| | | _ | | | | ALL WE | ATHER | , | | | | | 1200 | 0-1400 | |
| | | | | NOURS | (L.S T.) | | | | | | | | | | |
| | | | | | | 2011 | DITION | | | | | | | | |
| | | | | | | •••• | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| , | | | | | | | | | | , | | , | | | |
| | SPEED KNIS) DIR. | 1-3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED | |
| \vdash | N | ,7 | .8 | 2.0 | 1.9 | . 3 | | | | | | | 5.7 | 9.7 | |
| | NNE | • 4 | 1.7 | 1.1 | • 0 | • 1 | | | | | | | 3.9 | 7.3 | |
| | NE | -2 | .4 | 1.3 | • 8 | . 3 | | | | | | 1 | 3.1 | 9.9 | |
| T | ENE | .7 | 1.0 | 1.4 | • 3 | | | | | | | | 3.4 | 6.6 | |
| 1 | E | • 8 | 1.8 | 1.3 | • 3 | • 1 | | | | | | | 4.3 | 6.7 | |
| | ESE | •2 | .3 | •7 | • 6 | | | | | | | | 1.8 | | |
| | SE | .6 | 1.4 | 8. | • 2 | | | | | | | | 3.0 | 5.7 | |
| | SSE | .7 | 1.4 | 1.1 | •6 | .1 | | | | | | | 3.9 | 7.0 | |
| - | 3 | .8 | 1.3 | 4.3 | 3.0 | .7 | • 2 | | | | | | 10.3 | 10.1 | |
| | SSW | .7 | 1.4 | 3.6 | 2.9 | | | •1 | | | | 1 | 9.9 | | |
| 1 | SW | .6 | •6 | 2.0 | 3.6 | | | • 1 | | | | | 8.9 | | |
| | wsw | .6 | .7 | 1.8 | 3.8 | 1.7 | | •1 | | | | | 9.6 | 13.7 | |
| | w | 7 | 1.0 | 2.7 | 3.8 | | | • 3 | | | | | 10.8 | | |
| | WNW | .1 | 1.9 | 1.0 | 2.2 | | •1 | • 1 | | | | | 6.1 | 11.1 | |
| T- | NW | •1 | 1.2 | 1.9 | 1.2 | | | •1 | | | | | 5.2 | 10.5 | |
| | NNW | .4 | 1.3 | 3.4 | 2.4 | | | | | | l | | 8.2 | | |
| - | VARBL | | | | | | | | | | | | | | |
| _ | CALM | | | $ egthinspace{-1.5ex} $ | | | | | | | | | 1.9 | | |

TOTAL NUMBER OF OBSERVATIONS

900

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICKENDACKER AFE 11H 67-70,73-78 | <u>АР</u> понти |
|------------------|----------------------------------|-----------------------------|
| | ALL WEATHER | 1500-1700 HOURS (L.S.T.) |
| | CONDITION | |

| SPEED (KNTS) DIR, | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 4; - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------------|-------------|-------------|----------|----------|---------|----------|---------|---------|----------|-----|-------|-----------------------|
| N | . 3 | 1.6 | 2.8 | 1.9 | .7 | | | | | | | 7.2 | 9 |
| NNE | . 4 | 1.1 | 1.7 | • 4 | • 2 | | | | | | | 3.9 | |
| NE | .6 | 1.0 | 1.2 | • 6 | • 1 | | | | | | | 3.4 | - |
| ENE | . 3 | 1.3 | 1.2 | • 3 | | | | | | | | 3.2 | |
| E | . 6 | . 8 | 1.4 | • 2 | | | | | | | | 3.0 | |
| ESE | . 8 | . 8 | 1.3 | • 2 | | | | | , | | | 3.1 | |
| SE | .7 | . 9 | .9 | | .1 | | | | | | | 2.6 | |
| SSE | .9 | 1.1 | 1.8 | • 3 | .1 | | | | | | | 4.7 | |
| \$ | .9 | 1.7 | 2.4 | | . 4 | | | | | | | 7.0 | { |
| SSW | •6 | . 6 | 2.8 | 2., | 1.0 | . 4 | | | | | | 7.4 | |
| sw | •7 | 1.1 | 2.9 | 3.3 | 1.8 | - 4 | | | | i — | | 10.2 | |
| wsw | 1.2 | 1.1 | 1.3 | 2.3 | 1.3 | 8 | . 2 | | | | | 8.3 | |
| w | . 3 | _ 1.0 | 2.6 | 4.9 | 1.6 | 1.6 | • 1 | | | | | 12.0 | |
| WNW | . 4 | 1.0 | 1.3 | 2.2 | 1.0 | .9 | - 1 | | | | | 7.0 | |
| NW | - 4 | 1.1 | 2.4 | 3.1 | 7 | | | | | | | 7.8 | |
| NNW | .3 | 1.3 | 2.1 | 1.9 | . 3 | | | | | | | 6.0 | |
| VARBL | | | | | | | | | | | | | |
| CALM | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq <$ | \times | > < | \times | > < | > < | \times | > < | 3.1 | |
| | 9.4 | 17.4 | 30.2 | 25.8 | 9.3 | 4.2 | . 4 | | • | | | 100.0 | 10 |

TOTAL NUMBER OF OBSERVATIONS

900

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATULUGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 | RICKENBACKER AFB UH | 67-70,73-78 | APR |
|---------|---------------------|-------------|----------------|
| STATION | STATION NAME | YEARS | MONTH |
| | | ALL WEATHER | 1800-2000 |
| | | CLASS | HOURE (L.S.T.) |
| | | | |
| | | CONDITION | |
| | | | |

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------------|----------|--------|----------|---------|----------|-------------|-------------|-------------|-------------|-------------|-------|-----------------------|
| N | • 8 | 2.6 | 3.8 | 1.4 | •1 | | | | | | | 8.7 | 7.6 |
| NNE | • 2. | 1.7 | 1.8 | 1.1 | .3 | | | | | | | 5.1 | 8 • |
| NE | 1.3 | 2.3 | 1.4 | • 1 | | | | | | I | | 5 • 2 | 5 • 4 |
| ENE | . 4 | .8 | 1.3 | • 6 | | | | | | | | 3.1 | 7.2 |
| Ε | 1.0 | 2.6 | 1.2 | • 1 | | | Ĭ | | | | | 5.7 | 5.0 |
| FSE | • 9 | 1.1 | د . | | | | | | | | | 2.3 | |
| SE | 1.3 | . 8 | 1.2 | ٦. | | | | | | · · · · · · | | 3.6 | |
| SSE | 1.3 | 2.0 | . 4 | • ¿ | | | | | | | | 4.0 | |
| S | 1.4 | 2.2 | • 8 | 1.1 | . 2 | - 1 | | | | | | 5.9 | |
| SSW | •4 | 2.3 | 2.2 | 1.9 | .2 | | | | | | | 7.1 | 8.6 |
| sw | 1.3 | 1.4 | 3.2 | 2.0 | . 2 | • 1 | | | | | | 8.3 | 8• |
| WSW | . 3 | 1.2 | 1.3 | • 4 | .2 | | | | | | | 3.6 | |
| w | .7 | 2.2 | 2.2 | 3.1 | 1.0 | | • 1 | | | | | 9.3 | |
| WNW | 1.0 | 1.1 | 2.3 | 2.1 | 1.3 | .4 | | | | | | 8.3 | |
| NW | .7 | 1.7 | 1.3 | 2.0 | • 2 | • 1 | | | | | | 6.0 | 9• |
| WNW | . 4 | 1.4 | 2.4 | 1.6 | • 3 | | | | | | | 6.2 | 9.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | $\geq \leq$ | $>\!\!<$ | >> | \times | >> | $\geq <$ | $\geq \leq$ | 7.6 | |
| | 14.4 | 27.4 | 27.4 | 18.0 | 4,2 | . 8 | •1 | | | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICKENPACKER AFB OH BTATION NAME | 57-70,73-78 | APR |
|------------------|----------------------------------|-------------|----------------------------|
| | | ALL WEATHER | 2100-2300 HOURS (LIST.) |
| | | CONDITION | _ |
| | | | - |

| SPEED (KNTS) DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|--------|-------------|-------------|----------|---------|----------|---------|----------|-------------|----------|--|-------|-----------------------|
| N | .6 | 2.1 | 2.7 | 1.7 | | | | | | | | 7.0 | 8. |
| NNE | . 8 | 2.6 | 2.4 | •6 | | | | | | | | 6.3 | 6 |
| NE | 1.1 | 3.9 | 1.7 | • 3 | | | | | | | | 7.0 | 5 (|
| ENE | 1.4 | 2.0 | •9 | • 3 | | | | | | | <u> </u> | 4.7 | 5. |
| E | 2.4 | 2.4 | •9 | •1 | | | i — — | | i — | | | 5.9 | 4 |
| ESE | 1.8 | 1.1 | • 8 | | | | | | | | | 3.7 | 4 4 |
| SE | 1.3 | . 4 | • 4 | •1 | | | | | | T | | 2.3 | 4 |
| SSE | 2.2 | 2.6 | 1.0 | •2 | | | | | | i | | 6.0 | 4 |
| \$ | 3.5 | 4.9 | 2.0 | 1.2 | | | | | | | | 11.6 | 5 |
| ssw | 1.3 | 2.0 | 2.1 | •7 | | | | Ī | | | | 6.1 | 6 |
| sw | •4 | 1.7 | 1.7 | 1.0 | •1 | | | 1 | | | | 4.9 | 7. |
| WSW | • 2 | 1.1 | 1.3 | • 3 | • 1 | | | | | | | 3.1 | 7. |
| w | . 9 | 1.7 | 1.8 | 1.7 | . 4 | 2 | | | | | | 6.7 | 9. |
| WNW | . 3 | 1.0 | 1.3 | 1.6 | .6 | . 1 | | | | 1 | | 4.9 | 10 |
| NW | .7 | . 8 | 1.2 | - 8 | .3 | 1 | | | | | | 3.9 | Q, |
| NNW | 2 | 1.4 | 1.1 | 1.1 | | | | | | | | 3.9 | 8 |
| VARBL | | | | | | | | <u> </u> | | | | | |
| CALM | \geq | $\geq \leq$ | $\geq \leq$ | $\geq <$ | \ge | $\geq <$ | \geq | \times | $\geq \leq$ | \times | \times | 11.9 | |
| | 19.3 | 31.7 | 23.4 | 11.7 | 1.6 | . 4 | | | | | | 100.0 | 5. |

TOTAL NUMBER OF OBSERVATIONS 898

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13817 | RICKENMACKER AFB OH | 67-70,73-78 | APR |
|---------|---------------------|-------------|----------------|
| STATION | STATION NAME | YEARS . | HONTH |
| | | ALL WEATHER | ALL |
| | | CLASS | HOURS (L.S.Y.) |
| | | | |
| | | CONDITION | |

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------------|-------------|----------|-------------|-------------|-------------|-------------|----------|---------|---------|-----|-------|-----------------------|
| N | •9 | 2.3 | 2.5 | lió | •2 | | | | | | i | 7.5 | 8.0 |
| NNE | . b | 1.9 | 1.4 | •5 | •1 | | | | | | | 4.8 | 6.0 |
| NE | 1.0 | 1.9 | 1.3 | •4 | .1 | | - | | | | | 4.7 | 6.0 |
| ENE | 1.1 | 1.5 | 1.3 | •4 | •1 | | | | | | | 4.3 | 6.6 |
| E | 1.4 | 2.0 | 1.4 | • 4 | •0 | | | | | | | 5.2 | 5.5 |
| ESE | . 8 | -8 | • 6 | • 2 | | | | | | | | 2.3 | 5.5 |
| SE | .7 | • 9 | • 5 | • 1 | •0 | | | | | | | 2.3 | 5 • 5 |
| SSE | 1.3 | 1.9 | 1.1 | • 3 | •0 | | | | | 1 | | 4.6 | 5. |
| \$ | 2.2 | 3.3 | 2.9 | 1.0 | .2 | • 1 | | | | | | 10.2 | 7.1 |
| ssw | 1.1 | 1.9 | 2.7 | 1.8 | •5 | • 1 | •0 | | | | | 8.2 | 8 • 7 |
| sw | •9 | 1.2 | 2.1 | 2.1 | .7 | • 2 | • 0 | | | | | 7.0 | 9.8 |
| wsw | • 4 | 1.0 | 1.4 | 1.6 | .5 | ٤. | •1 | | | | | 5.2 | 10.5 |
| w | . 5 | 1.1 | 2.2 | 3.0 | . 8 | • 3 | - 1 | •0 | | | | 8.1 | 11.6 |
| WNW | • 5 | 1.1 | 1.5 | 1.8 | .6 | • 3 | •0 | | | | | 5.8 | 11.0 |
| NW | • 5 | 1.0 | 1.2 | 1.4 | .3 | •1 | •0 | | | | | 4.5 | 9.6 |
| NNW | 4 | .9 | 1.9 | 1.6 | • 2 | | | | | | | 5.0 | 9.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | $\geq \leq$ | $\geq \leq$ | \times | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq <$ | \ge | > < | | 10.2 | |
| | 14.4 | 24.6 | 26.1 | 18.6 | 4.4 | 1.3 | • 3 | •0 | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS 7196

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BPANCH USAFETAC AIR WEATHER SERVICE/MAC

VARBL

RICKENPACKER AFB UH

SURFACE WINEDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

67-70,73-78

| | - | | | | ALL W | FATHER | | | | | | _OOO | 0-0200 (L.S.T.) |
|-------------------------|-------|-------|--------|---------|---------|---------|-------------|-------------|---------|---------|-----|------|-----------------------|
| | | | | | CON | NBITION | | | | _ | | | |
| SPEED (KNTS) DIR, | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
| N | 1.3 | 2.2 | 1,5 | •1 | | | | | | | 1 | 5.1 | 5.4 |
| NNE | 2.0 | | | •2 | | | | | | | | 5.1 | |
| NE | 2.8 | 3.2 | | | | | | | | | | 7.0 | 4.2 |
| ENE | 1.5 | 2.3 | | • 4 | | | | | | | | 5.1 | 5.1 |
| Ε | 1.7 | 2.0 | | •2 | | | | | | | | 4.8 | |
| ESE | 1.0 | .4 | • 2 | | | | | | | | | 1.6 | |
| SE | .3 | .3 | •1 | | | | | | | | | .8 | |
| SSE | 1.5 | 1.7 | 1.1 | • 4 | | | | | | | | 4.7 | 5.7 |
| 5 | 5.2 | 5.6 | 3.0 | • 5 | | | | | | | | 14.3 | 4.8 |
| SSW | 1.9 | 4.0 | | • 3 | | | | | | | | 7.7 | 5.3 |
| sw | 1.5 | 2.5 | 1.3 | | 1 | | | | | | | 5.7 | 5.7 |
| WSW | • 3 | 1.6 | | •1 | | | | | | | | 2.7 | |
| w | 1.6 | 1.7 | 1.6 | • 3 | | | | | | | | 5.3 | |
| WNW | 1.0 | 1.8 | | .6 | | | | | | | | 4.0 | 6.2 |
| NW | 1.1 | .9 | • 6 | •1 | | 1 | | | | | | 2.8 | |
| WNW | . 2 | . 9 | | | | | | | | | (| 1.9 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 930

21.5

GLOBAL CLIMATDLUCY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 | RICKENBACKER AFB UH | KENRACKER AFB UH 67-70,73-78 | | | | |
|---------|---------------------|------------------------------|-------|----------------|--|--|
| STATION | STATION NAME | | TEARS | MONTH | | |
| | | ALL WEATHER | | 0300-0500 | | |
| | | CLASS | | HOURS (L.S.T.) | | |
| | | | | | | |
| | | CONDITION | | | | |
| | | | | | | |

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|----------|---------|----------|---|-------------|---------|-------------|---------|-------------------|-------|-----------------------|
| N | 2.4 | 3.3 | 1.2 | • 3 | • 1 | | | | | | | 7.3 | 5. |
| NNE | 1.6 | 2.5 | •6 | | | | | | | | | 4.7 | 40 |
| NE | 2.7 | 1.0 | • 5 | | | | | | | | | 4.2 | 3. |
| ENE | 1.9 | 1.8 | •6 | • 1 | | | | | | | 1 | 4.5 | 4. |
| E | 1.1 | 1.6 | 1.0 | • 2 | | | | | | | | 3.9 | 5. |
| ESE | 8. | . 8 | • 1 | | | | | | | | | 1.6 | 4.1 |
| SE | 1.1 | •4 | •2 | •2 | | | | | | | <u> </u> | 1.9 | 40 |
| SSE | 1.4 | 1.7 | •5 | •2 | .1 | | | | | | i | 4.0 | 5• |
| \$ | 5.1 | 4.8 | 2.9 | •2 | . 2 | | | | | | | 13.2 | 5. |
| SSW | 2.9 | 3.3 | 1.6 | • 3 | | | | | | | | 8.2 | 4. |
| sw | 1.3 | 1.8 | 1.2 | • 3 | | | | | | | i | 4.6 | 5∙ |
| WSW | • 4 | .9 | •9 | •2 | | | | | | | <u> </u> | 2.4 | 6. |
| w | .9 | 1.1 | 2.6 | • 2 | | | | | | | | 4.7 | 6. |
| WWW | 1.2 | •6 | •4 | •2 | | | | | | | | 2.5 | 4. |
| NW | • 5 | •6 | ٠,3 | • 1 | | | | | | | | 1.6 | 4. |
| WNM | • 2 | 1.0 | •9 | • 2 | | | <u> </u> | | | | | 2.3 | 7. |
| VARBL | | | | | | | | | | | | | |
| CALM | >< | >> | $>\!\!<$ | > < | \times | > < | $\supset <$ | > < | $\supset <$ | > < | $\supset \subset$ | 28.4 | |
| | 25.4 | 27.3 | 15.6 | 2.9 | . 4 | *************************************** | | | | | | 100.0 | 3. |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8 5 (OL. A) previous editions of this form are obsolete

GLOBAL CLIMATOLOGY BRANCH USAFTTAC AIR JEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICKENBACKER AF | HU B | 67-70,73-78 | | MAY | |
|------------------|-----------------|------|-------------|--|-----|----------------------------|
| | | AL | L WEATHER | | _0 | 600-0800 HOURS (L.S.T.) |
| | | | CONDITION | | | |
| | | | COMBILION | | | |
| | | | | | | |

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------------|-------------|-------------|----------|----------|-------------|-------------|-------------|-------------|---------|-------------|-------|-----------------------|
| N | 1.9 | 2.4 | 2.0 | •2 | •2 | | | | | | | 6.8 | 5.9 |
| NNE | 1.0 | 1.3 | | -1 | | | | | | | | 4.4 | |
| NE | 1.9 | 2.0 | | | | | | | | | | 4.5 | 4.2 |
| ENE | 2.0 | 2.0 | 1.2 | • 2 | | | | | | | | 5,5 | |
| E | .9 | 1.4 | 1.6 | • 3 | | | | | | | | 4.2 | 6.2 |
| ESE | 6. | .3 | • 战 | 2 | | | | | | | | 2.0 | |
| SE | - 5 | .6 | • 2 | | | | | | | | | 1.4 | 4.5 |
| SSE | 1.4 | 1.3 | . 4 | | | 1 | | | | | | 3.2 | 4.7 |
| 5 | 4.2 | 4.3 | 4.3 | • 6 | •1 | | | | | | | 13.5 | 5.7 |
| ssw | 3.0 | 4.7 | 4.0 | • 9 | | | | | | | | 12.7 | j∙ l |
| SW | 1.2 | 2.8 | 1.8 | • 5 | | | | | | | ! | 6,3 | 6.2 |
| WSW | 1.1 | •6 | • 8 | •1 | • 1 | | | | | | | 2.7 | 5.9 |
| w | 1.5 | 1.5 | 1.5 | 1.7 | • 2 | | | | | | | 6.5 | 7.6 |
| WNW | 1.2 | . 9 | • 8 | • 9 | . 2 | | | | | | | 3,9 | 7.1 |
| NW | . 8 | 1.4 | .4 | • 4 | | | | | | | | 3.0 | 6.1 |
| NNW | . 5 | •6 | . 4 | •6 | | | | | | | | 2.3 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $>\!\!<$ | $>\!\!<$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | | $\geq \leq$ | 17.1 | |
| | 24.7 | 28.3 | 21.9 | 6.9 | 1.0 | | | | | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 | RICKENPACKER AFB UH | 67-70,73-78 | МАУ |
|---------|---------------------|-------------|----------------|
| BTATION | STATION MAME | TEADS | MONTH |
| | | ALL WEATHER | 0900-1100 |
| | | CLASS | HOURS (L.S.T.) |
| | | | |

| SPEED (KNTS) DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|----------|--------|--------|---------|-------------|--------------|---------|--------------|----------|----------|-----|-------|-----------------------|
| N | • 5 | 1.1 | 2.2 | +5 | | | | | | | | 4.3 | 7. |
| NNE | •> | .5 | •9 | •1 | | | | i | | | | 2.0 | 6. |
| NE | • 5 | 1.4 | 1.4 | • 3 | | | | | <u> </u> | | | 3.7 | 6. |
| ENE | 1.1 | 2.0 | 2.4 | •4 | | | | | | | | 5.9 | 6. |
| E | 1.5 | 1.3 | 2.2 | •4 | | | | | 1 | | | 5.4 | 6. |
| ESE | .9 | .8 | 1.1 | | | | | | | | | 2.7 | 5. |
| SE | 1.4 | 1.0 | •9 | •1 | | | | | | | | 3.3 | 5• |
| SSE | 1.0 | 1.2 | 1.3 | •3 | .1 | | | | l | | | 3.9 | 6. |
| 5 | 2.0 | 2.4 | 3.5 | 1.5 | .3 | | | | | <u> </u> | | 9.8 | 7. |
| ssw | 1.2 | 3.0 | 4.1 | 2.3 | .3 | • 2 | | | | | | 11.1 | 8. |
| \$W | 1.0 | 1.9 | 3.1 | 1.5 | . 8 | • 1 | | | | | | 8.4 | 9. |
| wsw | .8 | 1.6 | 2.9 | 2.0 | • 1 | •1 | | | | | | 7.5 | 8• |
| w | 1.1 | 2.3 | 3.5 | 1.8 | .3 | | | | | | | 9.0 | 8. |
| WNW | •6 | 1.5 | 2.6 | 1.0 | • 1 | | | | | | | 6.5 | 8. |
| NW | 1.4 | 1.4 | 2.2 | •5 | .3 | | | | | | | 5.6 | 7. |
| MNM | 1.4 | 1.5 | 2.2 | •3 | .4 | | | | | | | 5.8 | 7. |
| VARBL | | | | | | | | | | | | | |
| CALM | \times | $\ge $ | \leq | >< | $\geq \leq$ | \mathbb{X} | X | \mathbb{X} | > < | \sim | >< | 5.2 | |
| | 16.7 | 24.8 | 36.2 | 13.9 | 2.8 | • 4 | | | | | | 100.0 | 7. |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLIGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICKENBACKER | AFB (IH | 67 | 2-70-73-78 | <u>МАУ</u> |
|------------------|--------------|-------------|-------------|------------|--------------------------------|
| | | | ALL WEATHER | | 1200-1400 HOURS (LIST.) |
| | | | CONDITION | | |
| | | | | | • |
| | | | | | |

| SPEED (KNTS) DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|------------|------|--------|----------|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------|-----------------------|
| N | • 5 | 1.4 | 1.9 | 1.0 | •2 | | | | | | | 5.1 | 8.1 |
| NNE | • 8 | 1.6 | 1.3 | • 5 | | | | | | | | 4.2 | 6.5 |
| NE | .8 | .5 | •9 | | | | | | | | | 2.2 | 5.3 |
| ENE | 1.1 | 1.5 | 2.2 | • 1 | | | | | | | | 4.8 | 6.0 |
| E | 1.5 | 1.7 | 1.6 | •6 | | | | | | | | 5.5 | 6.3 |
| ESE | • 3 | 1.7 | •8 | •1 | | | | | | | | 2.9 | 5.7 |
| SE | •6 | •6 | .4 | • 4 | | | | | | | | 2.2 | 6.4 |
| SSE | . 3 | 1.3 | 1.8 | • 5 | | | | | | | | 4.0 | |
| S | <u>5 و</u> | 1.7 | 3.1 | 2.2 | .4 | | | | | | | 8.0 | 9.0 |
| \$\$W | . 3 | 1.3 | 3.2 | 2.6 | • 9 | 5 | | | | | | 8.8 | |
| sw | • 2 | 1.7 | 3.2 | 3.1 | .5 | .5 | | | | | | 9.4 | 10.8 |
| WSW | • 5 | 1.7 | 2.9 | 2.7 | .2 | | | | | | | 8.2 | 9.7 |
| w | . 5 | 1.9 | 4.1 | 3.2 | .6 | 1 | | | | | <u> </u> | 10.5 | 9.9 |
| WNW | .4 | 2.8 | 3.2 | 2.9 | . 4 | | | | | | | 9.9 | |
| NW | . 8 | 1.3 | 2.7 | • 6 | . 4 | | | | | i | | 5.8 | |
| NNW | • 6 | 1.2 | 2.5 | • 5 | | | | <u> </u> | | | ļ., | 4.9 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | \searrow | >> | >< | \times | $> \leq$ | $\geq \leq$ | 3.8 | |
| | 9.9 | 24.1 | 35.8 | | 3.9 | 1.4 | | | | | | 100.0 | 8.4 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATULOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13812 RICKENRACKER AFB UH 67-70,73-78 MAY

STATION STATION HARR STATIO

| SPEED (KNTS) DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥55 | * | MEAN WIND SPEED |
|-------------------------|-------|------|-------------|---------|----------|---------|-------------|---------|-------------|-------------------|-----|-------|-----------------------|
| N | 1.2 | 1.3 | 3.0 | 1.1 | | | | | | | | 6.6 | 7+: |
| NNE | 1.0 | 1,1 | 1.6 | • 8 | | | | | | 1 | | 4.4 | 6.6 |
| NE | 1.0 | •9 | 1.5 | •1 | | | | | | | | 3.5 | 5.8 |
| ENE | 1.1 | 1.2 | 1.3 | | | | | | <u> </u> | | | 3.5 | 5.5 |
| E | 1.0 | 2.3 | 1,3 | •2 | | | | | | 1 | | 4.7 | 5 • 7 |
| ESE | •6 | 1.1 | 1.3 | | | | | | | 1 | | 3.0 | 5.8 |
| SE | •4 | .5 | • 4 | | | | | | | | | 1.4 | 4.8 |
| SSE | •5 | 1.1 | 1.3 | •2 | | | | | | T | | 3.1 | 6.4 |
| S | 1.0 | 2.4 | 4.0 | 2.2 | •1 | | | | | | | 9.6 | 8 • 4 |
| SSW | - 8 | 1.6 | 2.5 | 4.3 | . 8 | • 5 | | | | | | 8.4 | 10.6 |
| SW/ | • 2 | 1.6 | 3.1 | 4.0 | •5 | .3 | | | | | | 9.8 | 10. |
| wsw | .9 | 1.0 | 3.2 | 3.4 | .5 | | | | | | | 9•0 | 9•9 |
| w | 8. | 2.2 | 3.1 | 2.7 | .8 | | •1 | | | | | 9.6 | 9•5 |
| WNW | •6 | 1.4 | 3.2 | 3.2 | 1.2 | | | | | | | 9.7 | 10.0 |
| NW | 8. | .9 | 2.0 | •3 | .3 | • 1 | <u> </u> | | | | | 4.4 | 8 • 2 |
| NNW | .3 | 1.9 | 1.8 | 1.1 | .1 | • 1 | | | | | | 5.4 | 8 • 3 |
| VARBL | | | | | | | | | | | | | |
| CALM | >< | > < | $\supset <$ | >< | \times | > < | $\supset <$ | | $\supset <$ | $\supset \subset$ | | 3.9 | |
| | 12.0 | 22.3 | 34.8 | 21.5 | 4.3 | 1.1 | . 1 | | | | | 100.0 | 8 • 8 |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICKENBACKER AFB UH | 67-70,73-78 | МАУ |
|------------------|---------------------|-------------|-----------------------------|
| | | ALL WEATHER | 1800-2000 HOURS (L E.T.) |
| | | CONDITION | |

| SPEED (KNTS) DIR, | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-------------|------|-------------------|-------------|---------|---------|-------------|-------------------|-------------------|-------------|-------------|-------|-----------------------|
| N | 1.4 | 2.2 | 2.3 | 1.4 | | | | | | | | 7.2 | 7.0 |
| NNE | .4 | 2.2 | 1.9 | • 5 | | | | | | | | 5.1 | 6.9 |
| NE | .9 | 2.9 | • 8 | | | | | | | | | 4.5 | 5.0 |
| ENE | 1.3 | 2.6 | .4 | | | | | | | | | 4.3 | 4.3 |
| E | 1.5 | 2.7 | • 5 | | | | | | | | | 4.7 | 4.5 |
| ESE | 1.2 | 1.1 | 1.0 | | | | | | | | | 3.2 | 5.1 |
| SE | 1.4 | 1.5 | • 1 | •1 | | | | | | | | 3.1 | 4.2 |
| SSE | . 8 | 1.5 | • 8 | | | | | | | | | 3.0 | 5,5 |
| \$ | 1.7 | 1.6 | 2.7 | •8 | • 1 | | | | | | | 6.9 | 6.5 |
| ssw | 2.2 | 2.6 | 3.4 | 1.2 | • 1 | | | | | | | 9,5 | 6.9 |
| sw | .5 | 4.3 | | 1.9 | | | | | | | | 9.1 | 7.8 |
| WSW | . 4 | 1.3 | 1.9 | •8 | . 2 | . 1 | | | | | | 4.7 | 8.4 |
| w | 1.4 | 2.7 | 3.6 | 1.2 | 1 | 1 | | | | | | 9.0 | 7.5 |
| WNW | . 5 | 9 | 1.6 | 2.0 | 5 | | | | | | | 5.6 | 10.0 |
| NW | . 1 | 1.5 | 1.6 | • 3 | | | | | | | | 3.8 | |
| NNW | .6 | 2.2 | 2.9 | • 9 | . 1 | | | | | | | 6.7 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | $\supset <$ | > < | $\supset \subset$ | $\supset <$ | >< | > < | $\supset <$ | $\supset \subset$ | $\supset \subset$ | $\supset <$ | $\supset <$ | 9.5 | |
| | 16.4 | 33.6 | 27.7 | 11.1 | 1.6 | • 2 | | | | Î | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICKENPACKER AFB UH | 67-70,73-78 | YEARS | НАУ |
|------------------|---|-------------|-------|-----------------------------|
| | | ALL WEATHER | | 2100-2300 HOURS (L.S.T.) |
| | *************************************** | COMPLICION | | |

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|----------|----------|----------|---------|---------|----------|---------|---------|---------|----------|--------|-------|-----------------------|
| N | 1.1 | 2.2 | 1.1 | •4 | | | | | | · | | 4.7 | 6 |
| NNE | 1.4 | 2.8 | 1.5 | • 4 | | i — — | | | | <u> </u> | | 6.1 | 5. |
| NE | 2.6 | 4.6 | 1.4 | • 2 | | T | | | | | | 8.8 | 4. |
| ENE | 1.6 | 1.8 | •4 | ,2 | | | | | · | i | | 4.1 | 4 |
| E | 1.7 | 2.2 | •4 | •1 | | | | | | T | | 4.4 | 40 |
| ESE | 2.2 | •9 | | •1 | | | | | | <u> </u> | | 3.1 | 3 (|
| SE | 1.8 | 1.1 | •5 | | | | | | | | | 3.4 | 3 |
| SSE | 2.4 | 1.5 | • 6 | • 3 | | <u> </u> | | | | | | 4.9 | 4 |
| \$ | 4.2 | 5.7 | 1.9 | •5 | •1 | | | | | | | 12.5 | 4 |
| SSW | 2.2 | 3.1 | 1.9 | •2 | | | | | | 1 | | 7.4 | 5 |
| SW | 1.0 | 3.2 | 1.3 | • 5 | .1 | | | | | r —— | | 6.1 | (|
| wsw | •1 | 1.5 | 8. | | .1 | | | | | | | 2.5 | (|
| w | 1.3 | 2.8 | 1.6 | •1 | | | l | | | | | 5.8 | 5 |
| WNW | •6 | •5 | | 1.1 | .1 | | | | i | | | 3.7 | 8 |
| NW | 1.0 | .9 | | •4 | | | | | | | | 3.7 | 6 |
| NNW | •2 | 1.0 | • 9 | •1 | | | | | | | | 2.2 | 6 |
| VARBL | | | | | | | | i — — | j | | | | |
| CALM | \times | $>\!\!<$ | \times | > < | > < | >> | > < | > < | > < | \sim | \sim | 16.6 | |
| | 25.3 | 35.7 | 17.1 | 4.8 | .5 | | | | | | | 100.0 | 4. |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

RICKENPACKER AFH UH

- 37

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0

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SURFACE WINDS

100.0 5.9

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

67-70.73-78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | |
|---|-------|-------|--------|---------|----------|---------|---------|---------|------------|----------|----------|------|----|
| <u>,, </u> | 1.3 | 2.0 | 1.9 | •6 | .1 | | | | | | | 5.9 | |
| Nh. | 1.2 | 1.7 | | • 3 | | | | | | | | 4.5 | L |
| NE | إنعنا | 2.1 | 1.0 | 1 | | | | | | L | | 4.8 | Į. |
| EHE | 1.5 | 1.9 | _1.2 | . 2 | | | | | | | | 4.7 | |
| E | 1.4 | 1.9 | 1.2 | - 3 | | | | | | | | 4.7 | 7 |
| ESE | 1.0 | 9 | •6 | 1 | | | | | | L | | 2.5 | |
| SE | 1.0 | 8 | . 4 | | | | | | <u>]</u> . | <u> </u> | <u> </u> | 2.2 | т |
| SSE | 1.2 | | 1.0 | | -0 | 0 | | | <u></u> | <u> </u> | | 3.9 | т |
| \$ | 3.0 | 3.6 | 3.2 | 1.1 | 2 | | | | <u> </u> | | | 11.0 | 4 |
| SS'Y | 1.8 | 3.0 | 2.8 | 1.3 | . 3 | 2 | | | | | | 9.2 | • |
| SW | 2 | 2.5 | 2,2 | 1.2 | 3 | | | | | | | 7.4 | - |
| WSW | 6 | 1.3 | 1.7 | 1.2 | 2 | نقد | | | | | | 5.0 | |
| | 1.1.1 | 2.0 | 2.7 | 104 | <u>د</u> | 0 | .0 | | | | | 7.6 | |
| WNW | 8 | 1.3 | _1.7 | فعل | . 3 | -0 | | | <u> </u> | | | 5.7 | |
| NW | - 8 | | 1.4 | - 4 | 2 | ن م | | | <u> </u> | | | 3.8 | |
| NNW | إذ• | 1.3 | 1.5 | | | -0 | | | ļ | | | 3,9 | إ |
| VARSL | ļ | | | | | ļ | | | ļ | | | | ļ |
| CALM | 1><1 | >< | > < | >< | >< | >< | >< | >< | \sim | \sim | | 13.2 | Į |

ISASETEC FORM O.R.S. (M. A.) ANNUALLY CONTROL OF THE COST AND CAROLET

GLOBAL CLIMATGLUGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICKENRACKER AFB UH | 67-70, 73-78 YEARS | JUN |
|------------------|---------------------|-----------------------|---------------------------------|
| | | ALL WEATHER | 0000-0200 HOURS (L S.T.) |
| | | COMDITION | |

| SPEED (KNTS) DIR. | 1.3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MFAN WIND SPEED |
|-------------------------|-------------|-------|--------|-------------|-------------|-------------|-----------------|--|--|-------------|----------|-------|-----------------------|
| N | 1.4 | 1.3 | 1.6 | • 3 | | | 1 | <u> </u> | | | 1 | 4.7 | 5• |
| NNE | 1.4 | 1.8 | • 9 | • 3 | | | | | | | | 4.4 | 5 • 3 |
| NE | 1.7 | 1.3 | • 3 | | | | | | 1 | | | 3.3 | 3• |
| ENE | 1.0 | • 8 | • 2 | | | | | i | | | | 2.0 | 4.0 |
| E | 2.0 | .9 | • 8 | | | | | | | | | 3.7 | 3• |
| ESE | .4 | .2 | | | | | | | <u> </u> | | | • 7 | 5• |
| SE | ٠ ن | . 8 | •1 | | | | | | | | | 1.4 | 3.9 |
| SSE | 2.6 | 1.7 | •6 | | | | | | | | | 4.8 | |
| S | 8.7 | 7.9 | 2.3 | . 3 | | | 1 | | | | | 19.2 | 4. |
| ssw | 3.7 | 0.0 | 2.2 | • 3 | •2 | i | 1 | | | | | 12.4 | |
| sw | 1.9 | 1.4 | 1.0 | •1 | | | · · · · · · · · | | | | i | 4.4 | 4.0 |
| WSW | . 4 | 1.0 | • 7 | • 2 | | | <u> </u> | | | · | | 2.3 | |
| w | • 7 | .9 | 1.0 | •4 | | | 1 | i | | | | 3.0 | |
| WNW | •1 | • 4 | • 2 | | | | | | | ļ ——— | | • 8 | |
| NW | • 1 | .9 | • 9 | •1 | | | | | | | i | 2.0 | |
| инм | • 4 | •6 | •4 | •1 | | | | | | | | 1.6 | 5.0 |
| VARSL | | • | | | | | | | | | | | |
| CALM | $\geq \leq$ | X | > < | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | \geq | \geq | \times | \times | 29.2 | |
| | 27.1 | 27.9 | 13.2 | 2.3 | .2 | | | | | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICK | ENRACKE | R AFB | 11H | | | 57 | -70,73 | -78 , | EADS | | | | UN |
|------------------|-----------------|----------|-------|-------------|---------|--|--------------|--------------|--------------|--------------|--------------|--------------|-------------------|-----------------------|
| | | | | | | ALL W | EATHER. | | | | | | 0300 | (L.S.T.) |
| | | | | | | c | LANG | | | | | | NOURS | (6.8.1.) |
| | | | | | | | | | | | | | | |
| | | <u>-</u> | | | | COM | DITION | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | ` | | • | • | | | | | | |
| | SPEED (KNTS) | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
| | DIR. | | | | | | | | | | | | 4.4 | 4.5 |
| | N | 1.3 | 2.7 | 4 | | | | | | | | | 3.4 | 5.6 |
| | NNE | .7 | 1.7 | 1.0 | | | | ļ | | | | | 3.2 | 3.6 |
| | NE | 1.8 | 1.2 | -1 | 1 | | <u> </u> | <u> </u> | | | | | 3.7 | 4.0 |
| | ENE | 1.6 | 1.2 | .9 | | | ļ | ļ | | | ļ | | 1.7 | 3.5 |
| | E | .9 | .7 | • 1 | | | <u> </u> | <u> </u> | | ļ | | | | 3.3 |
| | ESE | .6 | .4 | | | | | <u> </u> | | | | | $\frac{1.0}{1.3}$ | |
| | SE | 1.0 | . 3 | | | | | <u> </u> | | ļ | | | | 2.8 |
| | SSE | 1.9 | lek | • 8 | | | <u> </u> | | | | | i | 3.8 | 4.0 |
| | S | 8.1 | 7.2 | 2.1 | • 1 | | | | | | | | 17.6 | |
| | SSW | 2.9 | 4.8 | | • 3 | | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | 9,8 | 5.0 |
| | SW | 1.3 | 2.0 | | | | | <u> </u> | | | <u> </u> | ļ | 4.6 | |
| | wsw | .4 | 1.1 | .3 | | | | | <u> </u> | <u> </u> | <u> </u> | ļ | 1.9 | |
| | w | .4 | 1.0 | | | | | | | <u> </u> | <u> </u> | ļ | 2.2 | 5.9 |
| | WNW | .3 | | | | | | | | | | | 1.7 | 5.6 |
| | NW - | .7 | .9 | | 1 | | | | | | | | 2.0 | |
| | NHW | . 6 | | | •1 | | 1 | | | | | | 1.6 | 5.8 |
| | VARBL | | | | | | | T | | | | | | |
| | 70006 | | , | 1 | I | 1 | | | ,,, | _ | | _ | | |

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR ZEATHER SERVICEZMAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICKENPACKER AFB UH | 67-70,73 | -78 | JUN |
|------------------|---------------------|-------------|-----|-----------------------------|
| | *** | ALL WEATHER | | 0600-0800 HOURE (L.S.T.) |
| | | | | |

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-------------|----------|----------|---------|---------|---------|---------|---------|----------|---------|-------------|-------|-----------------------|
| N | 1.0 | 2.1 | 1.0 | • 3 | | | | | | | | 4.4 | 5.5 |
| NNE | 1.1 | •6 | 1.3 | | | | | | | | | 3.0 | 5. |
| NE | 1.1 | 1.7 | . 8 | • 1 | | | | | | | | 3.7 | 5.0 |
| ENE | 1.4 | 2.1 | 1.3 | | | | Ţ | [| | | | 4.9 | 4. |
| E | 1.2 | 1.3 | • 7 | | | | | | | | | 3.2 | 4. |
| ESE | . 9 | . 3 | | | | | | | | | | 1.2 | 2 • : |
| SE | 1.1 | . 8 | • 1 | | | | | | | | | 2.0 | |
| SSE | 1.2 | 2.1 | • 7 | •1 | | | I | | | | | 4.1 | 4. |
| S | 6.0 | 6.0 | 4.9 | •6 | .1 | | | | | | | 17.6 | |
| ssw | 3.7 | 5.3 | 3.9 | 1.2 | • 1 | | | | | | | 14.2 | 5. |
| sw | 1.6 | 2.1 | 2 • 1 | • 0 | | | | | <u> </u> | | | 6.3 | 6. |
| wsw | 8. | 1.2 | 1.1 | • 6 | | | Ì | | | | | 3.7 | 6.0 |
| w | . 4 | 1.2 | 1.0 | • 2 | | | | | | | | 2.9 | 6. |
| WNW | •6 | .6 | .4 | • 3 | | | | | | | | 1.9 | 6.4 |
| NW | - 21 | 2 | • 4 | • 2 | | | | | | | | 1.1 | 7. |
| NNW | . 3 | . 4 | • 6 | ز. | | | | | | | | 1.7 | 7. |
| VARBL | | | | | | | | | | | | | |
| CALM | $\geq \leq$ | $>\!\!<$ | \times | X | > < | > < | \geq | | | | $\supset <$ | 24.0 | l |
| | 22.7 | 28.1 | 20.4 | 4.6 | .2 | | | | | | | 100.0 | 4. |

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICK | ENRACKE | R AFB | HAUE | | | 67 | ز7و70- | - 78 | YFARE | | | | JUN |
|------------------|-------------------------|----------|-------------|--------------|-------------|-------------|-------------|-------------|-----------------|--------------|-------------|-------------|----------------|-----------------------|
| | | | | | · | ALL W | FATHER | | | | | | _0900 HOURS | 0=1100 (L 8.7.) |
| | | | | | | CON | DITION | | | | | | | |
| | SPEED (KNTS) DIR, | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 · 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
| | И | 8 | 1.4 | 1.7 | •4 | | | | | | | | 4.3 | 6.8 |
| | NNE | .7 | 1.7 | .4 | | | | | | | | | 2.8 | 4.7 |
| | NE | .7 | .9 | 1.0 | • 3 | | | | | | | | 2.9 | |
| | ENE | 1.0 | .9 | 1.9 | • 0 | | | | | | | | 4.3 | 6.5 |
| | E | 1.1 | 1.4 | 1.2 | •1 | | | | <u> </u> | | | | 3.9 | |
| | ESE | . 8 | . 8 | • 4 | | | | | | | | | 2.0 | 4.6 |
| | SE | - 9 | .3 | 2 | | | | | | | | | 1.4 | 3.5 5.8 |
| | SSE | 8. | 8 | . 8 | 2 | | | | <u> </u> | | | | 2.6 | 5.8 |
| | | 2.6 | 4.8 | 4.6 | 1.8 | 3 | | | <u> </u> | | ļ | | 14.0 | 7.0 |
| | SSW | 1.6 | 5.3 | 5.7 | 3.1 | | | |] | <u> </u> | <u> </u> | <u> </u> | 15.7 | 7.5 |
| | sw | . 9 | 2.6 | 4.1 | 2.•9 | | | | <u> </u> | ļ | | | 10.7 | 7.0 |
| | wsw | 1.3 | 2.0 | 2.4 | 2.0 | | | | <u> </u> | ļ | <u> </u> | | 8.3 | 8.4 |
| | w | | 2.4 | 2.8 | 2.0 | | | | | ! | | | 8.4 | 8.1 |
| | WNW | - 8 | | 1.8 | | | | | <u></u> | <u> </u> | ļ | ļ | 4.0 | 6.9 |
| | NW | - 3 | B | 1.0 | | 2 | | | <u> </u> | | <u> </u> | | 3.0 | 9.0 |
| | NNW | 6 | | 2.0 | 6 | | | | <u> </u> | | <u> </u> | <u> </u> | 4.4 | 7,4 |
| | VARBL | - | | | | | | | Ļ., | | <u> </u> | | | |
| | CALM | | $\geq \leq$ | $> \!\!\! >$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | >> | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | 7.2 | |
| | | 15.8 | | | 15.7 | . 9 | | | | | | | 100.0 | 6.8 |
| | | | | | | | | | | TOTAL NU | MBER OF OBS | SERVATIONS | | 900 |

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

O

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 | RICKE | Nr /CK | FR AFB | OH | | | 67 | -70,73 | -78 | | | | | JUN | |
|---------|-----------------|--------|--------|--------------|---------------------------------------|---------|---------|---------|---------|---------|--------------|-----|-----|--------------|--|
| STATION | | | STATIO | SHAN N | | | | | 1 | EARS | | | | MONTH | |
| | | | | | | ALL W | EATHER | | | | | | 120 | 0-1400 | |
| | | _ | | | | c | LARS | | | | | | HOU | IS (L.S.T.) | |
| | | _ | | | | | | | | | | | | | |
| | | _ | | | | COR | DITION | | | | | | | | |
| | | _ | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| - | | | , | , | · · · · · · · · · · · · · · · · · · · | | | | , | · | , | | | , | |
| | SPEED (KNTS) | 1 - 3 | 4.6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN | |

| SPEED (KNTS) DIR. | 1 - 3 | 4 · 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 20 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|----------------|-------------|--------|-------------|------------|-------------|-------------|--------------|-------------|--|----------|-------|-----------------------|
| N | .7 | 2.3 | 1.8 | 1.1 | •2 | | | | 1 | | | 6.1 | 7.9 |
| NNE | • 7 | .7 | 1.2 | ٥. | •1 | | | | | | | 3.2 | 7.5 |
| NE | . 3 | 1.1 | 1.0 | • 2 | | | | | | | | 2.7 | 6.8 |
| ENE | .8 | 1.2 | 1.1 | • 6 | | | | | | | | 3.7 | 6.5 |
| E | 1.1 | 1.1 | 1.6 | • 2 | | | | | | | | 4.0 | 6.2 |
| ESE | .9 | . 3 | 1.0 | | | | <u> </u> | <u> </u> | | | | 2.2 | 5.2 |
| SE | .4 | 1.0 | • ઇ | | | | | | ļ | <u> </u> | | 2.2 | 5.5 |
| SSE | • 7 | 1.9 | • 9 | • 2 | - 1 | | ļ | | | | | 3.8 | 6.1 |
| <u> </u> | 1.2 | 2.8 | 3.9 | 1.9 | .3 | •1 | <u> </u> | | ļ | <u> </u> | | 10.2 | 8 • 2 |
| SSW | .9 | 2.8 | 5.7 | 4.3 | .2 | · | | ļ | ļ | | | 13.9 | 9.0 |
| sw | . 3 | 2.2 | 3.2 | 4.6 | . 3 | | | | | | | 10.7 | 10.1 |
| WSW | 1.0 | 1.7 | 3.7 | 4.9 | .6 | | | | | | | 11.8 | 10.0 |
| w | -8 | 1.6 | 4.3 | 3.0 | • 2 | | | ļ | ļ | ļ | | 9.9 | 9.4 |
| WNW | - 4 | 1.2 | 1.8 | .4 | | | | <u> </u> | | | | 4.4 | 7.3 |
| NW | ļ.——— <u>,</u> | 1.0 | .9 | •6 | | | | ļ | ļ | | | 2.4 | 8 • 4 |
| NNW | •4 | 1.1 | 2.0 | .9 | - 1 | | | | <u> </u> | | | 4.6 | 8 • 2 |
| VARBL | | — | | | | | | | | L | | -, - | |
| CALM | $\geq \leq$ | $\geq \leq$ | >> | $\geq \leq$ | $>\!\!\!<$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | \times | 4 • 2 | |
| | 11.1 | 24.0 | 34.8 | 23.4 | 2.2 | . 2 | | | İ | | | 100.0 | 8.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATULUCY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICK | ENPACK | R AFB | ()H | | | 57 | -70.73 | -78 | EARS | | | . | JUN Dath |
|------------------|-------------------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|----------------|-------------|-------------|-------------|----------------|-----------------------|
| | | - | | | | ALL WI | CATHER MM | | | | _ | | _1500 HOVES |)-1700 |
| | | - | | | | сох | DITION | | | | | | | |
| | SPEED (KNTS) DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
| | N | 1.1 | 1.2 | 2.2 | 2.2 | . 3 | | | | | | | 7.1 | 9.0 |
| | NNE | 1.0 | 1.9 | 1.0 | .4 | | | | Ī . | | | | 4.3 | 6.0 |
| | NE | .3 | .4 | 1.1 | . 4 | | | | | | | | 2.3 | 7.6 |
| | ENE | •0 | 1.3 | 1.0 | •2 | | | | | | | | 3.1 | 6.3 |
| | E | •9 | 1.7 | 1.0 | •3 | | | | | | | | 3.9 | 5.7 |
| | ESE | . 8 | 1.0 | • 9 | | | | | | | | | 2.7 | 5.0 |
| | SE | .4 | •6 | •7 | | | | | | | | | 1.7 | 5.8 |
| | SSE | 1.0 | 2.1 | 1.1 | • 2 | | | | | | | | 4.4 | 5.5 |
| | 5 | .4 | 2.9 | 3.8 | 3.3 | . 3 | | | | | | | 10.8 | 9.1 |
| | ssw | • 0 | 2.6 | 5.6 | 4.1 | . 4 | | | | | | | 13.2 | 9.6 |
| : | sw | 6 | 1.8 | 4.3 | 4.5 | . 8 | | -1 | | | | | 12.3 | 10.7 |
| | wsw | 7 | 1.3 | 2.7 | 3.3 | 4 | | | | | | | 8.6 | 10.2 |
| | w | 1.1 | 1.4 | 3.3 | 2.5 | .7 | | | | | | | 9.3 | 9.3 |
| | WNW | | | 1.6 | 2.2 | | | | | | ļ | | 5.4 | 9.7 |
| | NW | | 1.2 | 1.3 | - 8 | | | | | | | | 3.4 | 8.7 |
| | NNW | | 1.1 | 2.1 | 1.0 | | | | | | | | 4.6 | 8.3 |
| | VARBL | | | | | | | | ļ | Ļ., | Ļ | | | |
| | CALM | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | 2 • 8 | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 | RICKENBACKER AFB UH | 67-70,73-78 | JUN |
|---------|---------------------|-------------|----------------|
| STATION | STATION NAME | YEARS | MTMOM |
| | | ALL WEATHER | 1800-2000 |
| | | CLASS | HOURS (L.S.T.) |
| | | | |
| | | COMPLETION | |

| SPEED (KNTS) DIR, | 1.3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|----------|--------------|--------|---------|---------|----------|-------------|-------------|---------|---------|-------------|-------|-----------------------|
| N | 1.2 | 1.9 | 3.2 | 1.0 | . 1 | | | T | | | | 7.4 | 7.4 |
| NNE | • 8 | 1.9 | 1.2 | •6 | | | | | | | | 4.4 | 6.7 |
| NE | 2.3 | 1.9 | 1.1 | • 1 | | | | | | | | 5.4 | 4.5 |
| ENE | 1.9 | 2.0 | | | | | | | | | | 4.7 | 4.4 |
| E | 1.2 | 1.0 | •7 | • 2 | | | | | | | | 3.1 | 5.1 |
| ESE | 1.0 | .8 | | | | | | | | | | 1.8 | 3.5 |
| SE | •9 | • 9 | • 4 | | | | | | | | | 2.2 | 4.3 |
| SSE | 2.0 | 2.4 | • 8 | • 4 | | | | | | | | 5.7 | 5.0 |
| S | 3.9 | 5.9 | 4.4 | 1.6 | | | | | L | | | 15.8 | 6.0 |
| SSW | 1.1 | 4.0 | 4.8 | 1.8 | 1 | | | | | | | 11.8 | 7.6 |
| SW | . 9 | 2.9 | 4.6 | 1.6 | • 2 | | | | | | | 10.1 | 7.6 |
| wsw | • 7 | 1.1 | 1.3 | 1.4 | . 3 | | | | | | | 4.9 | 8.7 |
| w | •6 | 1.6 | 2.0 | •8 | • | • 1 | | | | | | 5.1 | 8.1 |
| WNW | .3 | 1.7 | 1.3 | • 3 | | • 1 | | | | | | 3.8 | 7.5 |
| NW | • 4 | 1.3 | 2.0 | •8 | | | | | | | | 4.6 | 7.6 |
| NNW | • 2 | •9 | •9 | •6 | | | | | | | | 2.6 | 7.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | \times | \mathbb{X} | X | X | X | \times | $\geq \leq$ | $\geq \leq$ | \geq | \geq | $\geq \leq$ | 6.7 | |
| | 19.4 | 32.1 | 29.6 | 11.1 | .9 | ړ | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVA INS 900

GLOBAL CLIMATOLOGY BPANCH USAFETAC AIR WEATHER SERVICE/MAC

13812 RICKENGACKER AFB UH

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

67-70.73-78

| ****** | | | •••••• | | | ALL W | ΓΛΤΗΕΚ | | | | | | 210 | 0-2300 |
|--------|-------------------------|-------|--------|---------------|---------|---------------|-------------|----------|---------|--------------|--------------|---------------|------|-----------------------|
| | | | | | | | LASS | | | | | | HOUR | 6 (L.S.T.) |
| | | _ | | | | CON | DITION | | | | | | | |
| | | _ | | | | | | · | | | _ | | | |
| | SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
| | N | 1.0 | 1.4 | 1.6 | .4 | | | | İ | | | | 4.4 | 5.0 |
| | NNE | 8 | 1.6 | 1.6 | | | | <u> </u> | | | | | 4.0 | |
| | NC | 2.2 | 2.7 | .8 | • 1 | | | | | | | | 5.8 | |
| | ENE | 1.9 | 1.2 | •2 | • 1 | | | 1 | 1 | | | · | 3.4 | |
| | E | 1.7 | 1.1 | •2 | • 1 | | 1 | | | | | 1 | 3.1 | 3. |
| | ESE | 1.1 | 6 | | | | | | | | | | 1.7 | |
| | SE | 1.6 | 1.0 | | • 1 | | Γ | | | | | | 2.7 | |
| | SSE | 3.7 | 4.0 | 1.0 | | | | | | | | T | 8.8 | |
| | \$ | 9.7 | 7.2 | 2.4 | B | | | | | | T | | 20.1 | 40 |
| | SSW | 2.6 | 4.0 | 2.1 | - 76 | | | | | | | | 9.2 | |
| | sw | 1.6 | 3.2 | 1.3 | •3 | | | | | | | | 6.4 | |
| | wsw | • 3 | . 9 | . 8 | . 4 | _ | | | | | | | 2.4 | |
| | W | . 8 | 7 | . 9 | 2 | .1 | | | | | | | 2.7 | |
| | WNW | .4 | 1.0 | • 1 | | | | | | | | | 1.6 | |
| | NW | . 3 | . 9 | •6 | • 2 | | | | | | | L | 2.0 | |
| | NNW | . 6 | 1.0 | •2 | | •1 | | | | | | | 2.3 | |
| | VARBL | | | | | | | | | | | | 1 I | |
| | 54111 | | | $\overline{}$ | | $\overline{}$ | | | | | | $\overline{}$ | 19.3 | |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 | RICKENBACKER AFB UH | 57-70,73-78 | JUH |
|---------|---------------------|-------------|----------------|
| STATION | STATION NAME | YEARS | HTHOR |
| | | ALL WEATHER | ALL |
| | | CLASE | HOURS (L.S.T.) |
| | | | |
| | | CONDITION | |

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------|-------------|----------|----------|----------|----------|----------|-------------|---------|-------------|----------|-------|-----------------------|
| N | 1.1 | 1.8 | 1.7 | •7 | .1 | | | | | | | 5.4 | 6.9 |
| NNE | •9 | 1.5 | 1.1 | • 3 | •0 | | | | | | | 3.7 | 5.9 |
| NE | 1.3 | 1.4 | • 8 | ٠2. | | | | | | | | 3.7 | 4.9 |
| ENE | 1.3 | 1.3 | , 9 | • 2 | | | | | | | | 3.7 | 5 • 2 |
| E | 1.3 | 1.2 | • 8 | • 1 | | | | | | | | 3.3 | 4.9 |
| ESE | - 8 | .6 | • 3 | | | | | | | | | 1.7 | 4.1 |
| SE | . 9 | .7 | • 3 | •0 | | | | | | | | 1.9 | |
| SSE | 1.7 | 2.0 | • 8 | • 2 | .0 | | | | | | | 4.7 | |
| S | 5.1 | 5.6 | 3.6 | 1.3 | . 1 | •0 | | | | | | 15.7 | |
| SSW | 2.1 | 4.3 | 4.0 | 2.0 | . 1 | | | | | | | 12.5 | |
| sw | 1.1 | 2.3 | 2.7 | 1.8 | .2 | | •0 | | | | | 8 • 2 | |
| WSW | .7 | 1.3 | 1.0 | 1.7 | .2 | •0 | | | | | | 5.5 | |
| w | .7 | 1.3 | 2.0 | 1.2 | • 2 | • () | | | | | | 5.4 | |
| WNW | • 5 | 1.0 | • 9 | • 5 | •0 | •0 | | | | | | 2.9 | |
| NW | • 3 | • 9 | • 9 | • 4 | •0 | | | | | | | 2.6 | |
| NNW | .4 | . 8 | 1.1 | • 5 | •0 | | | | | | | 2.9 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | $\geq \leq$ | \times | \times | \times | \times | \times | $\geq \leq$ | \geq | $\geq \leq$ | \times | 16.2 | |
| | 20.1 | 28.0 | 23.5 | 11.1 | 1.0 | .1 | • 0 | | | | | 100.0 | 5.5 |

OTAL NUMBER OF OBSERVATIONS 7199

GLOBAL GLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICESMAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1 3812 STATION | RICKENDACKER AFB 11H | | TEARS | JUI HTHOM |
|-------------------|----------------------|-------------|-------------|-------------|
| | | ALL WEATHER | | _0000-0200. |
| | | CONDITION | | |
| | | | | |
| _ | | | | |

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|----------|-------------|-------------|---------|---------|---------|---------|----------|-------------|---------|----------|-------|-----------------------|
| N | 1.2 | 1.2 | •5 | _ •1 | | | | | | | | _3.0 | 4.2 |
| NNE | 1.2 | 1.6 | • 3 | | | | | | | | | 3.1 | 3.8 |
| NE | 2.7 | 1.9 | | | | | | | | | | 4.6 | 3.2 |
| ENE | 2.4 | 1.1 | •1 | | | | | <u> </u> | | | | 3.5 | 3.2 |
| E | 1.4 | . 2 | • 1 | | | | | | | | | 1.7 | 2.8 |
| ESE | 8 | | | | | | | | | | | .9 | 2.4 |
| SE | . 5 | . 3 | . 1 | | | | | | :_ | | | 1.0 | 3.7 |
| SSE | 1.4 | . 9 | | | | [| | | | | | 2.3 | 2.8 |
| \$ | 9.9 | 6.0 | 1.2 | _ •1 | | | | | | | | 17.2 | 3.4 |
| ssw | 4.1 | 3.7 | 1.5 | | | | | | | | | 9.2 | 4.2 |
| sw | 1.9 | 1.9 | •4 | • 3 | | | | | | | | 4.6 | 4.5 |
| WSW | .6 | 1.0 | • 1 | • 2 | | | | | | | | 1.9 | 5.4 |
| | 3 | | .4 | _ •1 | | | | | | | | 2.2 | 5.0 |
| WNW | .4 | | 5 | | | | | | | | | 1.6 | |
| NW | .4 | 1.3 | | | | | | | | | | 1.7 | 4.6 |
| NNW | .3 | 1.0 | 2 | • 2 | | | | | | | | 1.7 | 6.1 |
| VARSL | | | | | | | | | T - | | | | |
| CALM | $\geq <$ | $\geq \leq$ | $\geq \leq$ | \sum | | \geq | \geq | \geq | \boxtimes | \geq | $\geq <$ | 39.7 | |
| | 30.0 | 23.7 | 5.6 | | | | | | | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICKENBACKER AFB UIH | 67-70,73-78 | JUL |
|------------------|----------------------|-------------|-----------------------------|
| | | FATHER | 0300-0500 NOVER (L.S.T.) |
| | cos | DITION | |

| SPEED (KNTS) DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------------|-------------|----------|---------|---------|--|---------|----------|---------|--|----------|-------|-----------------------|
| N | 1.7 | 2.8 | • 3 | | | | | | i | | | 4.8 | 4.1 |
| NNE | 2.0 | 1.2 | •1 | | | | | | | | | 3.3 | 3.1 |
| NE | 2.2 | 2.0 | | | | | | | | | | 4.2 | 3.3 |
| ENE | 1.5 | .9 | | | | | | | | | | 2.4 | 3.0 |
| E | 1.2 | 1.3 | •2 | | | | | | | | <u> </u> | 2.7 | 3.6 |
| ESE | • 2 | | | | | <u> </u> | | | i — — | | | • 2 | 2.0 |
| SE | • 3 | .3 | | | | | | | | i | | •6 | 3.0 |
| SSE | 1.4 | . 8 | | | | | | | | | | 2.2 | 3.0 |
| S | 9.9 | 5.6 | •6 | | | | | | | | | 16.1 | 3.2 |
| SSW | 4.0 | 3.5 | 1.1 | | | | | | | | | 8.6 | 4.0 |
| SW | 1.4 | 2.5 | • 8 | | | | | | i | | | 4.6 | 4.4 |
| wsw | •5 | .9 | • 3 | | | | | | | | | 1.7 | 4.5 |
| w | .5 | .4 | | • 3 | | i | | | | | | 1.8 | 6.6 |
| WNW | • 6 | .3 | • 3 | | | | | | | | | 1.3 | 4.3 |
| NW | .1 | .8 | | • 1 | | | | | | | | 1.2 | 6.0 |
| NNW | .6 | .4 | • 3 | | | | | | | | | 1.4 | 4.1 |
| VARBL | | | | | | | | - | | | | | |
| CALM | \searrow | $\geq \leq$ | \times | \geq | > < | \geq | > < | > < | \geq | $\geq \leq$ | > < | 42.8 | |
| | 28.3 | 23.7 | 4 • 8 | •4 | | | | | | | | 100.0 | 2 • 1 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CRIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

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Approximate the second

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICK | ENRACKE | R AFB | UH | | | 67 | -70,73 | -78 | EASS | | | |)UL |
|------------------|-------------------------|---------------|-------------|----------|-------------|-------------|-------------|-------------|----------------|-------------|-------------|-----|-------|-----------------------|
| 7 ,1,000 | | _ | | | | ALL W | FATHER | | | | | | |)-0800 (L8.7.) |
| | | _ | | | | CON | PITION | | | | | | | |
| | SPEED (KNTS) DIR. | 1 - 3 | 4 · 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 · 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | × | MEAN WIND SPEED |
| | N | 2.0 | 2.3 | . 8 | 4 | | | | | | 1 | | 5.5 | 5.0 |
| | NNE | 1.8 | 1.3 | • 4 | | | | | | | | | 3.5 | 3.8 |
| | NE | 2.3 | 1.6 | | | | | | | | | | 3.9 | 3.3 |
| | ENE | 2.5 | 1.5 | •6 | • 1 | | | | | | | | 5.1 | 3.9 |
| | E | 1.5 | 1.0 | • 2 | | | | | | | | | 2.7 | 3.6 |
| | ESE | 6 | . 3 | | | | | | | | | | 1.0 | 3.2 1.5 |
| | SE | .4 | | | | | | | I | | | | • 4 | 1.5 |
| | SSE | 1.5 | 6 | | | | | | | | | | 2.2 | 3.0 |
| ' | 55 | 7.0 | 6.6 | 1.7 | | | | | | | | | 15.3 | 4.0 |
| | SSW | 3.8 | 6.3 | 3,2 | • 3 | | L | | | L | <u> </u> | | 13.7 | 5,1 |
| | sw | 1.8 | - 2.7 | 1.1 | •1 | | | | | | L | | 5.7 | 4.8 |
| | WSW | خوا | 1.3 | .9 | •2 | | | | | <u> </u> | <u> </u> | I | 2.9 | |
| | w | 1.0 | - 4 | 1.0 | | | | | | | <u> </u> | I | 2.4 | 5.3 |
| | WNW | 3 | 6 | 4 | | | | | | <u> </u> | <u> </u> | | 1.2 | 4.7 |
| | NW | | 1.4 | | | <u> </u> | <u> </u> | | | | <u> </u> | | 2.6 | 5.1 |
| | NNW | 1 -4 | 6 | •6 | •2 | | <u> </u> | | <u> </u> | | L | | 1.9 | 6.3 |
| | VARBL | | | | | Ļ | <u></u> | | Ļ | Ļ | ļ, | | | |
| | CALM | $\geq \leq$ | $\geq \leq$ | $>\!\!<$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | >> | 30.2 | |
| | | 28.2 | 28.9 | 11.1 | 100 | | | | | | | | 100.0 | 3.1 |

USAFETAC $\frac{\text{FORM}}{\text{AL } 64}$ 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER JERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| SPEED (KNTS) DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-------------|----------|----------|----------|-------------|---------|-------------|---------|---------|-------------|-----|-------|-----------------------|
| N | 1.0 | 2.4 | 1.3 | •6 | | | | | | | | 5.3 | 6.0 |
| NNE | 1.3 | 1.4 | | | | | | | | | | 3.5 | 4.7 |
| NE | • 6 | 2.2 | • 5 | | | | | | | | | 3.3 | |
| ENE | 1.5 | 1.8 | •4 | | | | | l | | | | 3.8 | 4.2 |
| E | 1.5 | 1.7 | 1.4 | • 3 | | | | | | | | 4.9 | 5.4 |
| ESE | •0 | •6 | •4 | | | | | | | | | 1.7 | 4.7 |
| SE | .9 | •9 | • 3 | | | | | | | | | 2.0 | 4.2 |
| SSE | 1.3 | .9 | •1 | | | | | | | | | 7.3 | |
| S | 3.0 | 4,5 | 2,6 | • 2 | | | ì | | | | | 10.3 | |
| SSW | 2.5 | 5.3 | 4.2 | 1.5 | | | | | | | | 13.4 | 6.3 |
| SW | 1.4 | 3.5 | 3.2 | 2.3 | .1 | | | | | | | 10.5 | 7.4 |
| WSW | 1.4 | 3.7 | 2.6 | 1.8 | | | | | | | | 9.5 | |
| W | 1.8 | 1.7 | 2.6 | 1.3 | | | | | | | | 7.4 | 6.9 |
| ·/NW | 1.0 | 2.4 | 1.4 | •4 | | | | | | | | 5.2 | 6.1 |
| NW | • 3 | 1.5 | 1.7 | .2 | | | | | | | | 3.8 | |
| NNW | 1.0 | 1.6 | 1.0 | | | | | | | | | 3.9 | 5.7 |
| VARBL | | | | | | | | | i | | | | |
| CALM | $\geq \leq$ | \times | \times | \times | $\geq \leq$ | \geq | \boxtimes | \geq | \geq | $\geq \leq$ | > < | 9.1 | |
| | 21.1 | 36.0 | 24.6 | 9.0 | • 1 | | | | | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICKENBACKER AFB UH | 67-70,73-78 | JUL MONTH |
|------------------|---------------------|-------------|-----------------------------|
| | | ALL WEATHER | 1200-1400 HOURS (L.S.T.) |
| | | CONDITION | |

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------|-------|----------|-------------------|----------|---------|-------------|----------|-------------|-------------|--------|-------|-----------------------|
| N | 1.3 | 1.2 | 1.4 | . 8 | | | | | | | | 4.6 | 6.6 |
| NNE | 1.0 | . 9 | • 8 | | | | | | | | | 2.6 | 4.8 |
| NE | .6 | . 9 | • 6 | | | | | | | | | 2.2 | 5.3 |
| ENE | .9 | 2.2 | 1.1 | •1 | | | | | | | | 4.2 | |
| E | 1.7 | 1.6 | • 2 | • 2 | | | | | | | | 3.8 | 4.3 |
| ESE | .4 | .9 | . 3 | •3 | | | | | | | | 1.9 | 6.5 |
| SE | .3 | . 8 | • 2 | | | | | | | | | 1.3 | 4.5 |
| SSE | 1.1 | 1.7 | •6 | . 2 | · | | | | | | | 3.7 | 5.2 |
| \$ | 1.4 | 3.1 | 2.7 | • 5 | | | | | | | | 7.7 | |
| SSW | 1.3 | 3.8 | 4.5 | 1.9 | • 1 | | | | | | | 11.6 | |
| SW | 9 | 1.9 | 3.8 | 2.9 | .2 | | | | | | | 9.7 | |
| WSW | 1.0 | 1.6 | 3.8 | 3.5 | .2 | | | | | | | 10.1 | 9.5 |
| w | 1.3 | 4.2 | 5.3 | 1.9 | • 2 | | | | | | | 12.9 | |
| WNW | . 3 | 2.2 | 1.3 | 1.1 | -1 | | | | | | | 4.9 | 7.6 |
| NW | .6 | 2.5 | 1.6 | 1.1 | . 1 | | | | | | | 5.9 | |
| NNW | 1.5 | 1.9 | 2.8 | • 3 | .1 | | | | | | | 6.7 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | >< | \ge | \times | $\supset \subset$ | \times | > < | $\supset <$ | $\geq <$ | \boxtimes | $\supset <$ | \sim | 6.2 | |
| | 15.6 | 31.2 | 31.0 | 14.9 | 1.1 | | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATULOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| SPEED (KNTS) DIR, | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|----------|----------|----------|----------|----------|---------|---------|---------|--------------------|-------------|-----|-------|-----------------------|
| N | .4 | 2.4 | 1.9 | •6 | | | | | | | | 5.4 | 7. |
| NNE | • 6 | 1.7 | 1.3 | •3 | | | | | | | | 4.1 | 6. |
| NE | 8. | 1.6 | 1.1 | | | | | | | | | 3.4 | 5. |
| ENE | • 9 | 2.2 | •9 | | | | | | | | | 3.9 | 5•3 |
| E | 1.5 | 2.4 | • 5 | •2 | | | | | | | | 4.6 | 4. |
| ESE | 1.0 | 1.0 | , 5 | •1 | | | | | | | | 2.6 | 4. |
| SE | .4 | 1.2 | • 2 | | | | | | | | | 1.8 | 4. |
| SSE | 1.3 | 1.4 | 1.0 | • 1 | | | | | | | | 3.8 | 5. |
| S | 1.2 | 4.8 | 3,3 | 1.2 | | | | | | | | 10.5 | 6+ |
| SSW | 1.4 | 3.1 | 3.1 | 1.5 | | | | | | | | 9.1 | 7. |
| sw | • 9 | 1.6 | 3.4 | 3.1 | 1 | | | | | | | 9.1 | 9• |
| WSW | .4 | 2.0 | 3.3 | 4.4 | ,1 | | | | | | | 10.3 | 9. |
| w | .9 | 2.4 | 4.0 | 2.2 | •2 | | | | | | | 9.6 | 7. |
| WNW | . 3 | 1.3 | 2.2 | 1.2 | .1 | | | | | | | 5.1 | 8 • |
| NW 1 | . 9 | 2.2 | 2.7 | 8• | 2 | | | | | | | 5.7 | 7. |
| NNW | • 5 | 1.3 | 2.7 | 1.3 | | | • 1 | | | | | 5.9 | 8. |
| VARBL | | | | | | | | | | | | | |
| CALM | $>\!\!<$ | \times | \times | \times | $\geq <$ | >< | >< | >< | $\triangleright <$ | >< | >< | 4.1 | |
| | 13.4 | 32,5 | 32.2 | | | | .1 | | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 | RICKENRACKER AFB UH | 67-70,73-78 | | JUL |
|---------|---------------------|--------------|-----|-----------------------------|
| STATION | STATION NAME | | ARS | NONTH |
| | A | LL WEATHER . | | 1800-2000 HOURS (L.S.T.) |
| | | CLASS | | HOURE (L.S.T.) |
| | | | | |
| | | COMPLTION | | |
| | | | | |

| SPEED (KNTS) DIR, | 1.3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|------|-------|----------|----------|---------|----------|---------|-----------|-------------|--------------|-----|-------|-----------------------|
| N | 6 | 2.7 | 2.0 | • 2 | .1 | | | | | | | 5.7 | 6.6 |
| NNE | 1.6 | 2.7 | 1.4 | •1 | | | | | | | | 5.8 | |
| NE | 1.0 | 1.8 | .4 | | | | | | | | | 3.2 | 4.7 |
| ENE | 1.4 | 1.3 | •5 | | | | | | | | | 3.2 | 4.1 |
| E | 1.5 | 2.7 | | | | | | | | | | 4.2 | |
| ESE | 1.3 | 1.0 | .8 | | | | 1 | | | | | 3.0 | |
| SE . | 1.6 | 1.3 | | | | | | | T | | | 2.9 | |
| SSE | 2.6 | 2.0 | .4 | •1 | | | | | | | | 5.2 | 3.7 |
| 3 | 5.7 | 5.8 | 1.8 | • 2 | | | | | 1 | T | | 13.5 | |
| \$\$W | 2.2 | 4.2 | | • 3 | | | | | | | | 10.2 | |
| SW | .9 | 4.2 | | •6 | | • 1 | | | | | | 8.4 | |
| WSW | .6 | 1.7 | 2.5 | 1.0 | | | | | | | | 5.8 | 7.6 |
| w | .5 | 2.4 | 1.0 | • 5 | | | | | | | | 5.1 | 6.9 |
| WNW | •6 | 1.3 | | •4 | | | | | 1 | | | 4.4 | |
| NW | •6 | 1.7 | 1.9 | •4 | | | | | | | | 4.7 | 6.4 |
| NNW | .3 | 1.9 | 1,7 | •1 | | | | | | | | 4.1 | 6.1 |
| VARBL | | | | | | | | | 1 | | | | |
| CALM | >< | > < | \times | \times | > | \times | > < | \supset | $\supset <$ | $\supset <$ | > < | 10.5 | |
| | 23.1 | 38.7 | 23.3 | 461 | 1 | 1 | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| JUL |
|----------------|
| MONTH |
| 2100-2300 |
| HOURS (L.S.T.) |
| |
| |
| 2 |

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------|-------------|----------|---------|---------|-------------|----------|-------------|-------------|-------------|-----|-------|-----------------------|
| И | •9 | 1.1 | • 3 | •1 | | | <u> </u> | | | | | 2.4 | 4. |
| NNE | 1.5 | 1.6 | .4 | | | | | | | | | 3.5 | 4. |
| NE | 2.0 | 2.7 | • 4 | | | | | | | | | 5.2 | 4. |
| ENE | 2.5 | 1.5 | | | | | | | | | | 4.0 | 3.0 |
| E | 2.8 | 1.0 | ,4 | | | | | | | | | 4.2 | 3 • |
| ESE | 1.8 | . 5 | . 3 | | | | | | | | | 2.7 | 3 • |
| SE | 1.5 | • | • 3 | | | | | | | | | 2.6 | 3• |
| SSE | 3.5 | 2.0 | | | | | | | | | | 5.6 | 3• |
| 5 | 9.0 | 6.5 | 1.9 | •1 | | | | | | | | 17.5 | 3. |
| ssw | 2.4 | 3.2 | 2.0 | | | | | | | | | 7.6 | |
| sw | 1.1 | 3.8 | +3 | •1 | | | | | | | | 5.3 | 4. |
| WSW | • 8 | 1.5 | • 4 | •1 | | | | | | | | 2.8 | 4 • |
| * | • 8 | 2.0 | • 9 | | | | | | | | | 3.7 | 5 • |
| WNW | . 9 | 1.1 | • 4 | | •1 | | | | | | | 2.5 | 5 • |
| NW | •6 | 1.4 | •5 | • 1 | | | | | | | | 2.7 | 5+ |
| NNW | . 8 | . 5 | • 3 | • 1 | | | | | | | | 1.7 | 4. |
| VARBL | | | | | | | | | | | | | |
| CALM | >< | \setminus | $>\!\!<$ | > < | > < | $\supset <$ | | $\supset <$ | $\supset <$ | $\supset <$ | >< | 26+1 | |
| | 32.8 | 31.2 | 9.1 | •6 | . 1 | | | | | | | 100.0 | 3. |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 | RICKENPACKER AFB DH | | JU |
|---------|---------------------|-------------|----------------|
| STATION | STATION HAME | YEARS | ити |
| | | ALL WEATHER | ALL |
| | _ | CLANG | HOURS (L.S.T.) |
| | | | |
| | | CONSTRON | |
| | | | |

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|----------|-------------|----------|----------|-------------|--------------|---------|-------------|-------------|-------------|-----|-------|-----------------------|
| N | 1.1 | 2.0 | 1.1 | .4 | •0 | | | | | | | 4.6 | 5.7 |
| NNE | 1.4 | 1.5 | .7 | •1 | | | | | | | | 3.7 | 4.5 |
| NE | 1.5 | 1.8 | •4 | | | | | | | | | 3.7 | 4.1 |
| ENE | 1.7 | 1.6 | • 5 | •0 | | | | | | | | 3.7 | 4.1 |
| E | 1.6 | 1.5 | | • 1 | | | | | | | | 3.6 | 4.1 |
| ESE | .8 | •6 | • 3 | •1 | | | | | | | | 1.7 | 4.3 |
| SE | .8 | •7 | | | | | | | | | | 1.6 | 3.8 |
| SSE | 1.8 | 1.3 | | •1 | | | | | | | | 3.4 | 3.7 |
| S | 5.9 | 5,4 | | • 3 | | | | | | | | 13.5 | 4.3 |
| SSW | 2.7 | 4.1 | 2.9 | •7 | | | | | | | | 10.4 | 5.7 |
| sw | 1.3 | 2.8 | 1.9 | 1.2 | .1 | •0 | | | | | | 7.2 | 6.8 |
| ₩\$₩ | .7 | 1.7 | 1.7 | 1.4 | .0 | | | | | | | 5.6 | |
| W | .9 | 1.8 | 2.0 | • 8 | .1 | | | | | | | 5.6 | 7.0 |
| WNW | .6 | 1.2 | | • 4 | .0 | | | | | | | 3.3 | |
| NW | 5 | | | • 3 | | | | | | | | 3.7 | 6.5 |
| NNW | •7 | 1.2 | 1.2 | • 3 | | | •0 | | | | | 3.4 | |
| VARBL | | | | | | | | | | | | | |
| CALM | \times | $\geq \leq$ | \times | \times | $\geq \leq$ | \mathbb{X} | \geq | \boxtimes | \boxtimes | \boxtimes | | 21.1 | |
| | 24.1 | | | 6.1 | _ | | .0 | | 1 | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR PEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| SPEED (KNTS) DIR, | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-------------------|----------|----------|---------|---------|---------|-------------|---------|-------------|-------------|-------------|-------|-----------------------|
| N | 2.4 | 2.2 | 1.5 | •3 | | | | | | | | 6.4 | 5.1 |
| NNE | 2.9 | 1.2 | •1 | | | | | | | | | 4.2 | 2.9 |
| NE | 2.9 | 1.6 | | | | | | | | | | 4.5 | 3.0 |
| ENE | 2.5 | 1.4 | | | | | i — - | | | | | 3.9 | 2.9 |
| E | 1.7 | •9 | • 3 | | | | | | | | | 2.9 | 3.4 |
| ESE | •3 | -1 | •1 | | | | | | | | | • 5 | 4.4 |
| SE | 8 | .3 | | | | | | | | | | 1.1 | 2.8 |
| SSE | 1.2 | .3 | | | | | | | | | | 1.5 | 2.6 |
| \$ | 7.2 | 5.6 | •9 | | | | | | | | | 13.7 | 3.5 |
| SSW | 3.0 | 3.8 | 1.0 | | | | | | | | | 7.8 | 4.0 |
| SW | 1.1 | 1.7 | •5 | | | | | | | | | 3.3 | 4.5 |
| WSW | •2 | .6 | • 4 | • 1 | | | | | | | | 1.4 | 6.2 |
| w | •5 | •5 | • 4 | • 3 | | | | | | | | 1.8 | 6.2 |
| WNW | •4 | 3 | •1 | | | | | | | | | •9 | 3.6 |
| NW | •2 | ,4 | | | | | | | | | | 1.1 | 5.8 |
| NNW | •2 | .9 | • 3 | | | | | | | | | 1.4 | 4.9 |
| VARAL | | | | | | | | | | | | | |
| CALM | $\supset \subset$ | $\geq <$ | \times | >< | \geq | >< | \boxtimes | >< | \boxtimes | $\supset <$ | $\supset <$ | 43.7 | |
| | 27.6 | 21.9 | 6.1 | • 6 | | ` · | | | | | | 100.0 | 2•2 |

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLUGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICK | ENRACKI | R AFB | UH | | | 67 | -70,73 | -78 | TANS | | | | AUG ONTH |
|------------------|-------------------------|-------------|----------|----------|---------|-------------|----------|---------|-------------|--------------------|----------|-------------|------|-----------------------|
| BIAYION | | _ | STATION | | | ALL W | FATHER | | | | | | | 0=0500 (L.S.T.) |
| | | - | | | | сом | DITION | | | | | | | |
| | SPEED (KNTS) DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
| | И | 2.8 | 2.4 | 1.6 | • | | | | | | | | 6.9 | 4,5 |
| | NNE | 2.8 | 1.4 | | | | | | | | | | 4.2 | 4.5 3.2 |
| | NE | 3.1 | . 8 | | | | | | | L | | | 3.9 | 2.6 |
| | ENE | 1.9 | . 3 | | | | | | | | | | 2.3 | 2.3 |
| | E | 1.0 | 1.2 | • 3 | | | | | | | | | 2.5 | 4.1 |
| | ESE | .3 | | | | | | | | | | | . 3 | 1.7 |
| | SE | • 2 | .3 | | | | | | | | | | . 5 | 3.8 |
| | SSE | 1.1 | •6 | • 1 | | | | | | | | | 1.8 | 3.4 |
| | S | 7.0 | 5.5 | • 5 | | | | | | | | | 13.0 | 3.5 |
| | SSW | 3.1 | 4.3 | • 2 | | | | | | | | | 7.6 | 3.8 |
| | sw | 1.2 | 1.2 | • 4 | | | | | | | | | 2.8 | 4.2 |
| | WSW | | . 5 | ,4 | | | | | | | | | 1.0 | 6.8 |
| | w | . 5 | . 6 | •1 | 01 | | | | | | | | 1.4 | 4.8 |
| | WNW | | •2 | • 2 | 7 | | | | | | | | •6 | 6.8 |
| | NW | . 5 | . 3 | • 4 | | | | | | | | | 1.3 | 4.6 |
| | NNW | .9 | . 9 | • 3 | • 1 | | | | | | | | 2.2 | 4.8 |
| | YARSL | | | | | | | | | | | | | |
| | CALM | $\geq \leq$ | \times | \times | >< | $\geq \leq$ | $\geq <$ | > < | $\supset <$ | $\triangleright <$ | $\geq <$ | >< | 47.7 | |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH SURFACE WINDS USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 13812 RICKENBACKER AFB UH 67-70,73-78 0600-0800 C SPEED (KNTS) DIR. MEAN WIND SPEED NNE 3.8 1.0 NE ESE SE SSE 6.6 SW WSW WNW NNW VARSL TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| SPEED (KNTS) DIR. | 1.3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|----------|----------|----------|----------|----------|-------------|-----------|-------------|-------------|-------------|-------------|-------|-----------------------|
| N | 1.8 | 1.4 | 1.9 | •9 | | | | | | | | 6.0 | 6. |
| NNE | 1.1 | 1.5 | 1.5 | • 1 | | | | | | | | 4.2 | 5 |
| NE | 1.2 | 1.6 | 1.1 | | | | | | Γ | | | 3.9 | 5 |
| ENE | 2.0 | 1.4 | 1.1 | • 1 | | | | | T | | | 4.6 | 4 |
| E | 1.7 | 3.1 | 1.2 | | | | | | | | | 6.0 | 4 |
| ESE | 1.1 | . 8 | • 1 | | | | | | | | | 1.9 | 3 |
| SE | 1.1 | 6 | • 1 | | | | | | | | | 1.8 | 3 |
| SSE | 1.4 | .5 | • 2 | | | | | | | | | 2.2 | 3 |
| 5 | 3.5 | 5.8 | | • 5 | | | | | | | | 12.6 | |
| SSW | 3.2 | 5.5 | 5.6 | | | | | | | | | 15.1 | 6 |
| 5W | 1.0 | 3.9 | 3.8 | 1.2 | | | | | | | | 9.8 | 7 |
| wsw | 1.4 | 2.0 | 2.8 | 1.3 | | | | | | | | 7,5 | 7 |
| w | 1.1 | 1.3 | 1.6 | •9 | | | | | | | | 4.8 | 7 |
| WNW | 1.0 | . 4 | • 2 | • 1 | | | | | | | | 1.7 | 4 |
| NW | . 6 | .9 | .6 | .1 | | | | | | | | 2.3 | 5 |
| WNN | 8. | . 5 | •9 | • 2 | | | | | | | | 2.4 | 6 |
| VARBL | | | | | | 1 | 1 | 1 | | 1 | | | |
| CALM | $>\!\!<$ | \times | \times | \times | $>\!\!<$ | $\supset <$ | \supset | $\supset <$ | $\supset <$ | \boxtimes | $\supset <$ | 13.2 | |
| | 24.0 | 31.3 | 25.4 | 6.1 | | | | | | | | 100.0 | 5 |

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATULUGY BRANCH SURFACE WINDS USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 67-70,73-78 ALL WEATHER 1200-1400 0 SPEED (KNTS) DIR. MEAN WIND SPEED 11 - 16 ≥56 5.8 6.9 2.6 3.8 NNE 1.8 4.8 +6 3.3 NE 1.6 •8 1.8 •6 4.2 Ē ESE SE 1.4 SSE 5 5.8 13.0 SSW 4.3 10.1 SW WSW 4.3 8.3 W •9 3.1 6.9 WNW •4 3.8 1.0 NW NNW VARBL CALM 100.0 6.1 TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR MEATHER SERVICE/MAC
PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13312
RICKENRACKER AFB DH
STATION MARK
STATION MARK

67-70,73-78

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SURFACE WINDS

| 13312 STATION | RICKENRACKER AFR OH | 67-70,73-78 | AUG |
|------------------|---------------------|-------------|-----------------------------|
| | | ALL WEATHER | 1500-1700 HOVES (L.S.T.) |
| | | CONNITRO | |

| SPEED (KNTS) DIR, | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 • 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------------|----------|----------|----------|----------|----------|---------|-------------|---------|---------|-------------|-------|-----------------------|
| N | .4 | 1.9 | 2.7 | .3 | | | | | | | | 5.4 | 6.6 |
| NNE | . 5 | 1.4 | 1.6 | • 3 | | | | | | | | 3.9 | 7. |
| NE | . 5 | 2.2 | 1.2 | | | | | | | | | 3.9 | 5. |
| ENE | 1.5 | 2.9 | . 9 | | | | | | | | | 5.3 | 4. |
| ŧ | 3.1 | 2.2 | •6 | •1 | • 1 | | | | | | | 6.1 | 4. |
| ESE | 1.4 | 1.1 | - 2 | | | | | | | | | 2.7 | 3. |
| SE | • 5 | . 3 | | | | | | | | | | • 9 | 2• |
| SSE | 1.1 | 1.8 | • 5 | | | | | | | | | 3.5 | 4. |
| S | 2.6 | 4.6 | 3.5 | .8 | | | | | | | | 11.5 | 5. |
| ssw | 1.3 | 3.8 | 4.0 | 1.3 | . 2 | | | | | | | 10.5 | 7• |
| SW | . 8 | 2.8 | 5.6 | 2.3 | | •1 | | | | | | 11.5 | 8• |
| WSW | .4 | 1.5 | 3.3 | 2.5 | .2 | | | | | | | 8.0 | 9. |
| W | 1.1 | 2.7 | 3.8 | 1.9 | | | | | | | | 9.5 | 7. |
| WNW | • 2 | 1.6 | 2.3 | •6 | | | | | | | | 4.7 | 7. |
| NW | 1.1 | . 6 | 1.5 | •6 | | | | | | | | 3.9 | 6. |
| NNW | •6 | 1.2 | 1.4 | •4 | 1 | | | | | | | 3.8 | 6. |
| YARSL | | | | | | | | | | | | | |
| CALM | $\geq \leq$ | \times | \times | \times | \times | $\geq <$ | \geq | \boxtimes | \geq | \geq | $\geq \leq$ | 5.1 | |
| | 17.2 | 32.6 | 33.2 | 11.2 | .6 | . 1 | | | | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH SURFACE WINDS USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 57-70,73-78 € ALL WEATHER 1800-2000 € € SPEED (KNTS) DIR. 1 - 3 7 - 10 11 - 16 2.9 7.1 1.0 NNE 1.7 1.6 7.0 C 3.1 2.0 •6 4.3 ENE •5 3.6 3.5 1.8 (ESE •6 •1 2.5 .6 SSE 2.0 C S 5.2 1.5 2.5 2.6 4.0 SSW •6 O 1.2 1.6 •3 2.3 1.7 •9 5.6 • 8 6.8 .8 WNW 1.6 0 •9 • 2 1.0 VARBL 0 16.0 CALM 100.0 O TOTAL NUMBER OF OBSERVATIONS 0 USAFETAC FORM 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC SURFACE WINDS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) RICKENRACKER AFB UH 67-70.73-78 ALL WEATHER SPEED (KNTS) DIR. 1,3 NNE 1.0 NE E ESE SE SSE 3 7.0 SSW SW WSW 1.0 WNW NW . 8 NNW VARBL CALM TOTAL NUMBER OF OBSERVATIONS 930 USAFETAC $\frac{\text{FORM}}{\text{JR, 44}}$ 0-8-5 (OL, A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

The second secon

| 13812 | RICKENBACKER AFB OH | 67-70,73-78 | AUG |
|---------|---------------------|-------------|----------------|
| STATION | STATION HAME | TEARS | NTNON |
| | | ALL WEATHER | ALL |
| | | CLANS | HOVAS (L.S.T.) |
| | | | |
| | | CONSITION | _ |
| | | | |

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 • 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------------|----------|--------------|--------------|---------|---------|-------------|-------------|-------------|---------|-------------|-------|-----------------------|
| N | 1.8 | 2.0 | 2.0 | •4 | •0 | | ì | | | | | 6.1 | 5 • 8 |
| Nì IE | 1.6 | 1.7 | • 8 | •1 | | | | | | | | 4.2 | 4.8 |
| NE | 1.9 | 1.6 | • 5 | •0 | | | | | | | | 4.1 | 4.0 |
| ENE | 2.3 | 1.4 | •4 | •0 | | | | | | 1 | | 4.2 | 3.6 |
| E | 2.1 | 1.6 | •6 | •0 | 0. | | | | | | | 4.3 | 4.1 |
| ESE | 1.0 | •6 | •1 | •1 | | | | | | | | 1.8 | 3.7 |
| SE | •9 | .4 | •0 | | | | | | Ī . | | | 1.4 | 3.0 |
| SSE | 1.6 | 1.0 | •2 | | | | | | | | | 2.8 | 3.4 |
| 5 | 5.2 | 5.5 | 2.0 | • 3 | | | | | | | | 12.7 | 4.4 |
| SSW | 2.7 | 4.1 | 2.8 | •4 | •0 | | | | | | | 10.0 | 5.5 |
| sw | 1.1 | 2.5 | 2.3 | • 8 | •0 | .0 | | | | | | 6.8 | 6.7 |
| WSW | •6 | 1.3 | 1.6 | 1.1 | •0 | | | | | | | 4.6 | 7.5 |
| w_ | •0 | 1.4 | 1.6 | •7 | •0 | | | | | | | 4.3 | 7.3 |
| WNW | .4 | .8 | •6 | • 2 | •0 | | | | | Ţ | | 2.0 | 6.4 |
| NW | •6 | .9 | •6 | • 2 | .0 | | | | | | | 2.4 | 5 • 8 |
| WNN | .7 | .9 | . 8 | • 2 | •0 | | | | | | | 2.6 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALK | $\geq \leq$ | \times | \mathbb{X} | \mathbb{X} | X | X | \boxtimes | $\geq \leq$ | $\geq \leq$ | \geq | $\geq \leq$ | 25.6 | |
| | 25.2 | 27.6 | 16.9 | 4.4 | .2 | | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OSSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC SURFACE WINDS PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) Ð, RICKENBACKER AFB UH 67-70,73-78 Çi 0000-0200 HOURS (L.E.T.) ALL WEATHER 0 0 SPEED (KNTS) DIR. MEAN WIND SPEED 1 - 3 4 - 6 7 - 10 17 - 21 11 - 16 22 - 27 28 - 33 41 - 47 ≥56 0 6.4 NNE 0 NE 3.4 ENE 1.8 C SE SSE 2.1 3.8 \mathbf{C} 5 SSW 2.9 6.8 SW 0 WSW . 4 2.9 1.6 فو WNW 1.0 0 NW 2.9 NNW 3.1 0 35.3 CALM 100.0 0 TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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Company of the Compan

GLOBAL CLIMATOLOGY BRANCH USAFETAC SURFACE WINDS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) RICKENBACKER AFB GH 67-70,73-78 0300-0500 ALL WEATHER SPEED (KNTS) DIR. MEAN WIND SPEED 1 - 3 48 - 55 ≥56 N 5.3 5.4 NNE 1.2 3.8 5.0 2. 3.0 ENE .3 4.8 1.4 3.4 E ESE SE 1.0 •6 SSE •1 1•4 1.6 5 7.4 14.1 3.4 3.2 .8 SSW SW WSW 1.0 w WNW NW NNW 4.9 VARBL 40.0 CALM 100.0 TOTAL NUMBER OF OBSERVATIONS 900 USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

A STATE OF THE PARTY OF THE PAR

> NNW VARBL

CALM

RICKENPACKER AFB OH

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

67-70.73-78

| | | | | | | | | | | | | - | |
|-------------------------|-------|-------|--------|---------|---------|----------|----------------|-------------|---------|---------|-------------|------|-----------------------|
| | _ | | | | | FATHER | | | | | | 0600 | 0-0800 |
| | | | | | • | LASS | | | | | | HOUR | 8 (E.S.T.) |
| | | | | | COI | IDITION | | | | | | | |
| | | | | | | | | | | • | | | |
| | | | | | | | | | | | | | |
| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
| N | 2.7 | 2.4 | 1.6 | • 3 | | - | - | - | | | | 7.0 | 5.0 |
| NNE | _3.0 | 1.4 | • 4 | •4 | | | | | | | | 5.3 | |
| NE | 4.2 | . 7 | • 1 | | | | | | | | | 5.0 | |
| ENE | 2.7 | 1.3 | | •1 | | | | | | | | 4.6 | |
| E | 1.9 | 1.4 | • 6 | | | | | | | | | 3.9 | |
| ESE | .9 | . 3 | • 3 | | | | | | | | | 1.6 | |
| SE | .3 | . 6 | •1 | • 1 | | ļ_, | | | | | | 1.1 | |
| SSE | .7 | . 8 | • 4 | | | | | | | | | 1.9 | |
| 5 | 5,1 | 5.6 | 2.3 | •1 | | | | | | | | 13.1 | 4.5 |
| SSW | 4.2 | 3.7 | 2.3 | •6 | | | | | | | | 10.8 | |
| sw | 1.1 | 1.1 | •6 | • 2 | | | | | | | | 3.0 | |
| W\$W | . 13 | - 4 | • 1 | • 2 | | | | | | | | 1.6 | 4.9 |
| W | .7 | . 8 | | | 1 | | | | | | | 1.9 | |
| | | | | | | | | 1 | | | | 1 | |

TOTAL NUMBER OF OBSERVATIONS 900

34.1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 | RICKENPACKER AFB OH | 67-70,73-78 | | SEP |
|---------|---------------------|-------------|-------|----------------|
| STATION | STATION MANS | | TEARS | MTMOM |
| | | ALL WEATHER | | 0900-1100 |
| | | CLASS. | | HOURS (L.S.T.) |
| | | | | |
| | | CONDITION | | |
| | | | | |

| SPEED (KNTS) DIR. | 1 · 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 4 8 · 55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|----------|----------|--------|----------|----------|---------|-------------|---------|---------|-----------------|-----|-------|-----------------------|
| N | 1.2 | 1.8 | 2.4 | •6 | | | | | | | | 6.0 | 6.6 |
| NNE | 1.0 | 2.0 | 1.2 | • 4 | •1 | | | | | | | 4.8 | 6.1 |
| NE | 1.2 | 1.3 | 1.4 | •1 | | | | | | | | 4.1 | 5.7 |
| ENE | 2.6 | 2.3 | 1.2 | | | | | | | | | 6.1 | 4.3 |
| ξ | 1.6 | 1.3 | 1.6 | | | | | | | | | 4.4 | 5.2 |
| ESE | 1.0 | 1.0 | •6 | | | | T | | | | | 2.6 | 4.4 |
| SE | .7 | . 8 | | | | | | | | | | 1.4 | 3.5 |
| SSE | .8 | 1.6 | 1.0 | •4 | | | | | | | | 3.8 | 5.9 |
| S | 2.6 | 3.4 | 5.1 | 1.6 | | | | | | | | 12.7 | 6.9 |
| ssw | 2.6 | 4.8 | 3,9 | •9 | | | | | | i | | 12.1 | 6.1 |
| SW | 1.8 | 2.4 | 2.3 | 1.1 | •1 | | | | | | | 7.8 | 6.7 |
| WSW | 1.2 | 1.8 | 2.2 | • 8 | | | | | | | | 6.0 | 6.7 |
| w | 1.1 | 1.7 | 1.0 | •8 | .4 | •1 | | | | | | 5.1 | 8.0 |
| WNW | 1.4 | .7 | 1.1 | • 7 | .1 | | | | | | | 4.0 | 6.2 |
| NW | •6 | 1.7 | •9 | •1 | | | | | | | | 3.2 | 6.0 |
| NNW | .7 | .9 | •7 | 1.1 | | | | | | | | 3.3 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | \times | \times | > < | \times | $>\!\!<$ | >< | $\supset <$ | >< | > < | $\supset <$ | >< | 12.6 | |
| | 21.9 | 29.4 | 26.7 | 8.6 | . 8 | • 1 | | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH SURFACE WINDS USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 0 RICKENBACKER AFB UH 67-70,73-78 0 ALL WEATHER O O 0 N 2.0 1.0 NNE 1.1 6. 0 NE \mathbf{C} ESE 1.7 • 3 SE SSE 1.2 0 \$ 1.3 4.6 SSW 1.0 3.8 3.3 1.9 10.1 1.0 8.6 3.9 8.8 2.0 0 8.0 WSW 2.4 2.8 3.6 1.9 10.8 7.7 WNW 1.9 G NW 1.2 1.2 NNW 2.1 6.1 8.1 YARSL 6.7 CALM 100.0 TOTAL NUMBER OF OBSERVATIONS 900

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GLOBAL CLIMATOLOGY BRANCH SURFACE WINDS USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) OICKENRACKER AFB UH 67-70,73-78 1500-1700 HOURS (L.S.T.) ALL WEATHER € MEAN WIND SPEED 6.0 2.0 2.3 N 1.2 NNE 3.6 ENE 1.4 ε ESE SE 1.6 • 8 5 3.8 SSW 1.3 SW 7.8 2.7 WSW 8.0 10.2 4.0 2.2 w . 8 6.9 WNW 1.0 NW NNW VARBL 100.0 TOTAL NUMBER OF OBSERVATIONS 900 USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 | RICKENBACKER AFB UH | 67-70,73-78 | SEP |
|---------|---------------------|-------------|----------------|
| STATION | STATION NAME | YEARS | HONTH |
| | | ALL WEATHER | 1800-2000 |
| | | CLASE | HOURS (L.S.T.) |
| | | | |
| | | CONSITION | |
| | | • | |

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|----------|-------|----------|---------|----------|---------|---------|----------|-------------|----------|-------------|-------|-----------------------|
| N | 1.2 | 2.2 | 2.8 | 8 | | | | | | | | 7.0 | 6.7 |
| NNE | 1.3 | 1.3 | 1.0 | | | | | | | Ī | | 3.7 | 4.6 |
| NE | 2.3 | 2.2 | •7 | | | | | | | | | 5.2 | 4.3 |
| ENE | 3.9 | 1.0 | .4 | | | | | | | | | 5.3 | 3.1 |
| ε | 3.9 | 1.7 | •1 | | | | | | | | | 5.7 | 2.9 |
| ESE | 1.1 | 1.2 | 2 | | | | | | | | | 2.6 | 3.8 |
| SE | 2.4 | 1.7 | •2 | | | | | | | | | 4.3 | 3.4 |
| SSE | 2.7 | 2.9 | • 3 | | | | | | | | | 5,9 | 3.8 |
| S | 6.2 | 6.3 | 1.8 | • 2 | | | | | | | | 14.6 | |
| SSW | 1.6 | 3.1 | • 9 | •1 | 1 | | | | L | | | 5.8 | 5.1 |
| sw | 1.1 | 4.1 | 1.6 | •2 | | | | | | | | 7.0 | 5.3 |
| WSW | - 6 | 1.6 | 1.1 | | | | | | | | | 3.2 | 5.5 5.9 |
| w | 1.0 | 2.6 | 1.6 | | ا ف | | l | l | | | | 5.2 | 5.9 |
| WNW | . 8 | 1.3 | •6 | •2 | | | | | | | | 2.9 | 5.2 |
| NW | 1.2 | 1.6 | 1.1 | •1 | | | | | | l | | 4.0 | |
| NNW | 1.0 | 1.8 | 1.2 | • 4 | | | | | | | | 4.4 | 6.2 |
| VARSL | | | | | | | | | | | | | |
| CALM | \times | >< | \times | >< | \times | >< | >< | $\geq <$ | $\supset <$ | $\geq <$ | $\geq \leq$ | 13.2 | |
| | 32.3 | 36.6 | l | 2.1 | •2 | | | | | | | 100.0 | ≟4∎0 |

TOTAL NUMBER OF OBSERVATIONS 900

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C

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 | RICKENBACKER AFB UH | 67-70,73-78 | SEP |
|---------|---------------------------------------|-------------|----------------|
| STATION | STATION NAME | YEARS | HONTH |
| | <u></u> | ALL WEATHER | 2100-2300 |
| | · · · · · · · · · · · · · · · · · · · | CLA96 | HOURS (L.C.T.) |
| | • | | |
| | | CONDITION | |
| | | | |
| | * | | - |
| | | | |

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------------|-------------|----------|---------|---------|---------|---------|---------|----------|----------|-----|-------|-----------------------|
| N | 1.1 | 2.1 | 1.9 | •3 | | | | | <u> </u> | | | 5.4 | 6.2 |
| NNE | 1.4 | 1.8 | •4 | •2 | | | | | | | | 3.9 | 4.6 |
| NE | 2.7 | 2.0 | •7 | | | | | | | | | 5.3 | 3.8 |
| ENE | 3.4 | 1.3 | _ •1 | | | | | | | | | 4.9 | 3.1 |
| E | 2.0 | 2.3 | •2 | | | | | | | | | 4.6 | 3.7 |
| ESE | .8 | • 6 | •4 | | | | | | | | | 2.0 | 4.4 |
| SE | 1.2 | 1.1 | •1 | | | | | | | | | 2.4 | 3.5 |
| SSE | 2.9 | 2.2 | •6 | | | | | | | | | 5.7 | 3.6 |
| 5 | 9.3 | 6.4 | 1.3 | | | | | | | | | 17.1 | 3.6 |
| ssw | 2.1 | 3.0 | 1.3 | | | | | | | | | 6.4 | |
| SW | •9 | 1.4 | .4 | •1 | •1 | | | | | | | 3.0 | 5.1 |
| wsw | .8 | .7 | •3 | | | | | | | | | 1.8 | 4.4 |
| w | •6 | 1.2 | •2 | | | | | | | | | 2.0 | 4.0 |
| WNW | .7 | .9 | • 3 | • 1 | | | | | | | | 2.0 | 4 • 8 |
| NW | .6 | 2.2 | . 8 | | .1 | | | | | | | 3.7 | 5.7 |
| NNW | •6 | . 8 | .7 | •6 | •1 | | | | | | | 2.7 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | $\geq \leq$ | $\geq \leq$ | \times | X | \geq | >< | \geq | \geq | \geq | $\geq <$ | >< | 27.1 | |
| | 31.0 | 30.3 | 9.9 | | .3 | | | | | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS 900

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

The state of the s

| 13812 STATION | RICKENRACKER AFB OH 67-70,73-78 | <u> </u> |
|------------------|---------------------------------|-----------------------|
| | ALL WEATHER | ALL HOURS (L.S.T.) |
| · | CONDITION | |

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|----------|-------|-------------|----------|---------|---------|-------------|---------|----------|-------------|-----|-------|-----------------------|
| N | 1.4 | 1.9 | 1.9 | •6 | •0 | | | | | | | 5.9 | 6.4 |
| NNE | 1.8 | 1.5 | . 8 | • 3 | •0 | | | | | | | 4.4 | 4.9 |
| NE | 2.4 | 1.4 | • 7 | •1 | | | | | | | | 4.6 | 4.0 |
| ENE | 2.6 | 1.8 | 6 | •1 | | | | | | | | 5.1 | 3.9 |
| E | 1.8 | 1.4 | | •0 | | | | | | | | 4.0 | 4.2 |
| ESE | . 8 | .9 | •3 | | | | | | | i | | 2.0 | 4.00 |
| SE | . 8 | 1.0 | •2 | •0 | | | | | | | | 2.1 | 4.2 |
| SSE | 1.6 | 1.7 | ,7 | •2 | | | | | T | Ī | i | 4.1 | 4.6 |
| S | 5.3 | 4.5 | 2.9 | •5 | | | | | | | | 13.1 | 4.8 |
| SSW | 2.4 | 3.3 | 2.1 | •6 | 0 | | | | | | | 8.4 | 5.6 |
| SW | 1.0 | 1.7 | 1.6 | • 7 | • 1 | | | | | | l | 5.1 | 6. |
| WSW | .6 | 1.1 | 1.2 | • 8 | • 1 | | | | | | | 3.8 | 7. |
| w | 1.0 | 1.8 | 1.4 | .6 | .1 | -0 | | | | Ī | | 5.0 | 6.5 |
| WNW | 1.0 | _1.1 | . 8 | .3 | 1 | | | l | | | | 3.2 | 5.8 |
| NW | .7 | 1.5 | .9 | | .0 | | | | | | | 3.5 | 6.1 |
| NNW | . 8 | 1.3 | 1.0 | .7 | | | | | | | | 3.9 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | \times | >< | $\geq \leq$ | \times | >< | >< | $\supset <$ | >< | $\geq <$ | $\geq \leq$ | >< | 21.9 | |
| | 26.1 | 27.8 | 1 | 5'.9 | 5 | -0 | | | | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS 7200

USAFETAC RR 44 0-8-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLET

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| SPEED (KNTS) DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|----------|------|----------|---------|--------------------------|---------|---------|---------|---------|---------|----------|-------|-----------------------|
| N | 2.5 | 2.3 | 1.7 | •2 | | | | | | | | 6.7 | 5. |
| NNE | 2.3 | 1.5 | • 1 | | | 1 | | | | | | 3.9 | 3∙. |
| NE | 2.0 | 1.2 | •2 | • 2 | | | | | | | | 3.7 | 4 • |
| ENE | 1.5 | .2 | •4 | | | | | | | | | 2.2 | |
| E | 1.5 | 1.8 | •1 | | | | | | | | | 3.4 | 3. |
| ESE | •6 | . 8 | • 1 | | | | | | | | | 1.5 | 3• |
| SE | .1 | 1.4 | •1 | | | | | | I | | | 1.6 | 4. |
| SSE | • 8 | 2.4 | 1.1 | | | | | | | | | 4.2 | 5• |
| S | 4.4 | 4.5 | 2.5 | • 2 | | | | | | | | 11.6 | 4. |
| SSW | 2.5 | 3.7 | 1.3 | •1 | | | | | | | | 7.5 | 4. |
| SW | . 5 | 1.9 | 1.6 | •2 | | | | | | | | 4.3 | 6. |
| WSW | • 2 | 1.5 | •4 | • 1 | | | | | | | | 2.3 | 5∙ |
| w | -4 | 1.6 | 1.0 | •5 | | | | | | | | 3.5 | 6. |
| WNW | 1.5 | 1.6 | 1.4 | •1 | | | | | | | | 4.6 | |
| NW | • 4 | 1.1 | • 4 | • 2 | | | | | | | | 2.2 | 5• |
| NNW | . 8 | .2 | 1.0 | •6 | .1 | | | | | | | 2.7 | 7• |
| VARBL | | | | | | | | | | | | | |
| CALM | \times | >< | \times | X | $\stackrel{\circ}{\sim}$ | >< | >< | >< | >< | >< | \times | 34.2 | |
| | 22.0 | 27,6 | 13.4 | 2.6 | . 1 | | | | | | | 100.0 | 3. |

TOTAL NUMBER OF OBSERVATIONS

RICKENRACKER AFB DH

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

67-70,73-78

| | - | · | | | ALL W | EATHER LANG | | | | | | _0300 | 0-0 |
|----------------|-------|----------|----------|----------|----------|----------------|----------|----------|-------------|-------------|-----|-------|-----|
| | | | | | coi | EDITION | | | | | | | |
| SPEED | | | | | |] | | | | <u> </u> | | | м |
| (KNTS) DIR, | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | SI |
| N | 2.2 | 3.1 | 2.2 | 5 | | | | | | T | | 8.0 | |
| NNE | 2.2 | .9 | • 2 | | | | | | | | | 3.2 | |
| NE | 1.6 | 4 | . 4 | | | | | | | | | 2.5 | |
| ENE | 2.5 | .4 | •6 | •1 | | | | | | | | 3.7 | |
| E | 1.6 | .9 | • 3 | | | | | | | | | 2.8 | |
| ESE | .6 | •6 | | | | | | | | | | 1.3 | |
| SE | . 5 | 1.0 | • 2 | | | | | | | | | 1.7 | |
| \$SE | 1.0 | 1.6 | 1.1 | • 3 | | | | | | | | 4.0 | |
| 5 | 5.3 | 4.3 | 2.7 | •1 | | | | | | | | 12.4 | |
| SSW | 2.8 | 3.0 | | •1 | | | | | | | | 7.6 | |
| sw | 1.4 | 1.6 | 1.4 | | | | | | | | | 4.4 | |
| WSW | . 3 | . 8 | •6 | | | | | | | | | 1.7 | |
| w | • 5 | 1.9 | 1.6 | | | | | | | | | 4.1 | |
| WNW | .8 | 1.9 | •8 | • 2 | | | | | | | | 3.7 | |
| NW | •6 | .9 | • 5 | •1 | | | | | | | | 2.2 | |
| NNW | •9 | 1.1 | 1.0 | •9 | | | | | | | | 3.8 | |
| VARBL | | | | | | | | | | | | | |
| CALM | >< | $>\!\!<$ | \times | \times | $\geq <$ | >< | $\geq <$ | $\geq <$ | $\supset <$ | $\supset <$ | >< | 33.1 | |
| | 24.7 | 24.4 | 15.4 | | | | | | | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATULUGY BPANCH USAFETAC SURFACE WINDS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) O RICKENBACKER AFB UH 67-70,73-78 0 ALL WEATHER 0600-0800 O C SPEED (KNTS) DIR. MEAN WIND SPEED 2.7 4.7 NE 3.0 1.4 • 2 3.1 3.6 ENE ESE 1.1 • 2 1.3 2.0 SE 1.2 .6 SSE .8 •6 5.7 3.1 2.7 2.8 2.0 7.8 SSW 4.6 1.2 1,6 6.1 SW 2.9 WSW 2.0 1.8 6• •4 w 2.3 6.3 7.0 • 4 1.0 WNW .8 •9 NNW .6 VARBL 100.0 3.6 TOTAL NUMBER OF OBSERVATIONS 928

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A CONTRACTOR OF THE PARTY OF TH

GLOBAL CLIMATULUGY BRANCH SURFACE WINDS USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) RICKEHRACKER AFB UH ALL WEATHER 0900-1100 NNE 1.1 NE ENE 1.2 ESE SE SSE SSW SW WSW w WNW NW NNW 4.8 VARBL TOTAL NUMBER OF OBSERVATIONS 930 USAFETAC $_{\rm AU,~44}^{\rm FORM}$ 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

The state of the s

GLOBAL CLIMATOLOGY BRANCH USAFETAC SURFACE WINDS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) RICKENBACKER AFB UH 67-70,73-78 ALL WEATHER 1200-1400 1 SPEED (KNTS) DIR. MEAN WIND SPEED 3.4 1+8 1.1 2.4 5.5 NNE 2.4 6.8 NE +5 2.5 ENE 1.3 4.4 1.3 3.1 1.3 2.4 SE 5.8 4.1 SSE 1.1 11.9 S 3.3 4.9 2.5 13.2 2.0 SSW 4.1 2.8 9.2 SW 8.4 2.4 3.8 2.4 9.8 WSW 10.4 9.3 3.4 2.9 WNW 1.5 6.9 8.3 8.6 NW 9.1 NNW YARBL CALM 7.8 100.0

TOTAL NUMBER OF OBSERVATIO.45

930

NNW

VARBL CALM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| RICK | ENBACKE | EK AFB | UNI MANE | | | | -/0,/3 | -/8 | YEARS | | | | HONTH |
|-------------------------|---------|--------|----------|---------|---------|---------|---------|----------|--|---------|-----|---------------|-----------------------|
| | _ | | | | | EATHER | | <u>-</u> | | | | 1500 HOUSE | 0-1700 (L.S.T.) |
| | _ | | | | CON | MOLTION | | | | | | | |
| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
| N | 1.1 | 1.4 | 1.9 | 1.4 | | | | | | | | 5.8 | 7.6 |
| NNE | .8 | | •9 | •1 | | | | | | | | 3.2 | 5.9 |
| NE | .4 | * | •3 | | | | | | | | | 1.8 | 6.0 |
| ENE | 1.0 | 1.0 | •4 | | | | | | | | | 2.4 | 4.4 |
| E | .5 | 2.7 | -2 | | | | | | | | | 3.4 | |
| ESE | 1.3 | 1.8 | •5 | | | | | | | | | 3.7 | 4.2 |
| SE | .8 | | •6 | | | | | | | | | 2.7 | 5.7 |
| SSE | •5 | 2.2 | | | | | | | | | | 4.7 | |
| \$ | 1.4 | | | 1.9 | | | | | | | | 12.0 | |
| SSW | 1.0 | | 3.4 | | | | | | | | | 8.8 | |
| SW | .9 | 2.0 | | | | | | | | | | 9.0 | 8.7 |
| WSW | .6 | 1.9 | 3.0 | 2.6 | • 2 | | | | | | | 8.4 | |
| | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 930

8.0

8.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC SURFACE WINDS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) RICKENBACKER AFB OH 67-70,73-78 UCT ALL WEATHER 1800-2000 HOURS (L S.T.) • SPEED (KNTS) DIR. MEAN WIND SPEED 1 - 3 4 - 6 7 - 10 11 - 16 17 - 21 22 - 27 48 - 55 ≥ 56 3.2 1.5 . 6 6.3 NNE 1.3 3.4 5.5 1.8 •6 NE 2.5 3.0 1.9 ENE 2.5 2.5 4.3 3.3 2.4 F 6.7 ESE 5.8 3.1 SE 1.6 2.3 .6 4.6 4.3 3.4 SSE 3.3 C • 1 7.7 4.0 5 4.9 9.1 .9 SSW 1.2 3.8 • 6 6.5 1.3 3.1 +6 SW 3.3 C • 1 1.4 1.2 WSW • 6 5.0 3.1 1.1 2.3 w 1.0 7.4 6.6 2.2 1.7 WNW . 8 •3 4.9 5.9 NW 1.2 1.6 • 4 4.9 6.0 1.4 . 6 +3 2.7 YARBL O 15.1 100.0 4.2 TOTAL NUMBER OF OBSERVATIONS 730

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICKENRACKER AFB UH | | UC T |
|------------------|---------------------|-------------|-----------------------------|
| | | ALL WEATHER | 2100-2300 HOVES (L.S.T.) |
| | | CONDITION | |

| SPEED (KNTS) DIR. | 1.3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEA WIN SPEE |
|-------------------------|------|------|--------|---------|---------|---------|---------|---------|---------|---------|-----|-------|--------------------|
| N | 1.7 | 2.0 | 1.7 | • 3 | | | | | | | | 5.8 | |
| NNE | 1.9 | 1.5 | •1 | • 3 | 1 | | | | | | | 4.0 | |
| NE | 2.0 | 1.3 | • 3 | | | | | | | | | 3.7 | |
| ENE | 1.2 | •6 | •1 | | | | | | | | | 1.9 | |
| E | 2.5 | 1.9 | | | | | | | | | | 4.4 | |
| ESE | 1.6 | 1.1 | | | | | | | | | | 2.7 | |
| SE | . 8 | 1.6 | •3 | - 2 | | | | | | | | 2.9 | |
| SSE | 1.5 | 3.5 | 1.0 | • 3 | | | _ | | | | | 6.3 | |
| 5 | 4.9 | 5.8 | 1.3 | • 3 | | | | | | | | 12.4 | |
| ssw | 3.0 | 2.0 | 1.3 | • 2 | | | | | | | | 6.6 | |
| SW | •9 | 1.6 | •9 | | | | | | | | | 3.5 | |
| WSW | .5 | 1.8 | • 9 | • 2 | | | | | | | | 3.4 | |
| W | ,9 | 2.3 | 1.1 | • 3 | | • 1 | | | | | | 4.6 | |
| WNW | •8 | 1.7 | .9 | •3 | • 1 | | | | | | | 3.8 | |
| NW | •6 | 1.0 | 1.0 | •3 | | | | | | | | 2.9 | |
| NNW | .8 | 1.6 | 1.3 | .4 | • 1 | | | | | | | 4.2 | |
| VARBL | | | | | | | | | | | | | |
| CALM | >< | > < | > < | >< | > < | > < | > < | > < | > < | > < | >< | 27.1 | |
| | 25.6 | 31.5 | 12.0 | 3.3 | _,3 | •1 | | | | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS 930

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 | RICKENBACKER AFB UH | 67-70,73-78 | | DCT |
|---------|---------------------|-------------|-------|----------------|
| STATION | STATION NAME | | YEARS | MONTH |
| | | ALL WEATHER | | ALL |
| | | CLASS | | HOURS (L.S.T.) |
| | | | | |
| | | CONDITION | | |
| | | | • | |

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-------------------|-------|----------|----------|----------|---------|---------|----------|--|--|--|-------|-----------------------|
| N | 1.5 | 2.3 | 2.4 | 8• | •0 | | *** | | 1 | | | 7.1 | 6. |
| NNE | 1.6 | 1.1 | •6 | • 1 | •1 | | | | | | | 3.4 | 4,0 |
| NE | 1.5 | •9 | • 3 | •1 | •0 | | | | | | | 2.9 | 400 |
| ENE | 1.5 | 1.0 | +4 | •0 | | | | <u> </u> | <u> </u> | | | 2.9 | 3.5 |
| E | 2.0 | 1.5 | •3 | | | | | ļ | 1 | | | 3.8 | 3.0 |
| ESE | 1.2 | 1.1 | • 2 | | | | | | | <u> </u> | | 2.5 | 3.0 |
| SE | .7 | 1.4 | .4 | •1 | | | | | | | | 2.6 | 4.0 |
| SSE | 1.2 | 2.2 | 1+1 | •2 | | | | | | | | 4.8 | 5. |
| \$ | 3.5 | 4.4 | 3.2 | •9 | •1 | | | | | | | 12.1 | 5. |
| SSW | 2.0 | 3.1 | 2.7 | •9 | •1 | · | | | · · | | | 8.8 | 6. |
| SW | 1.1 | 1.9 | 2.1 | 1.1 | •1 | | | | | | | 6.2 | 7.: |
| WSW | .7 | 1.5 | 1.4 | • 8 | •2 | •0 | | | | | | 4.5 | 7.8 |
| w | .7 | 2.1 | 2.3 | 1.2 | •1 | •0 | | | | | | 6.4 | 7. |
| WNW | .8 | 1.7 | 1,5 | •6 | •0 | | | | | | i | 4.5 | 6. |
| '.w | •6 | 1.0 | 1.2 | •6 | •0 | | | | | i | | 3.4 | |
| I NW | •6 | 1,1 | 1,4 | 1.0 | .0 | | | | | | | 4.1 | 7.5 |
| V. ndL | | | | - | | | | | | | <u> </u> | | |
| CALM | $\supset \subset$ | >> | \times | \times | \times | > < | > < | > < | > < | > < | > < | 19.9 | |
| | 21.2 | 28.2 | | 8.6 | .7 | •0 | | | | | | 100.0 | 4 • 9 |

TOTAL NUMBER OF OBSERVATIONS 7438

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC SURFACE WINDS PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) C RICKENBACKER AFB UH 67-70,73-78 C ALL WEATHER 0000-0200 O C 1 - 3 48 - 55 N 5.2 ENE 1.0 C ESE SE 1.3 1.9 C 3.3 3.0 5 4.0 1.3 SSW 2.1 .6 2.1 1.1 SW 1.2 C 2.7 2.4 WSW 1.0 8.9 8.7 2.7 WNW •4 2.8 1.0 6.9 8.5 C 1.1 NNW 7.1 VARBL 21.4 CALM 100.0 0 TOTAL NUMBER OF OBSERVATIONS 900 O 6 USAFETAC $\frac{\text{form}}{\text{JU, 44}}$ 0-8-5 (OL A) previous editions of this form are desolete

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| SPEED (KNTS) DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-------------|-------------|----------|-------------|----------|---------|----------|--------------------|---------|-------------|-----|-------|-----------------------|
| N | 2.4 | 2.1 | 1.0 | •1 | | |] | | | | | 5.7 | 4.6 |
| NNE | •9 | .8 | •1 | | | | | | | | | 1.8 | 3.0 |
| NE | 1.2 | .7 | •2 | | | | J | | | | | 2.1 | 3•: |
| ENE | .9 | 1.4 | •3 | | | | | | | | | 2.7 | 4.0 |
| E | 1.4 | . 9 | • 7 | •1 | | | | | | | | 3.1 | 4.0 |
| ESE | •6 | .4 | •1 | | | | | | | | | 1.1 | 4.5 |
| SE | .7 | • 6 | •2 | • 2 | | | | | | | | 1.7 | 5.4 |
| SSE | 1.8 | 1.1 | 1.0 | • 2 | | | | | | | | 4.1 | 5.0 |
| \$ | 3.9 | 3.0 | 3,4 | 1.4 | .3 | | | Ī | | | | 12.1 | 6.4 |
| SSW | 1.8 | 3.7 | 3,8 | 1.3 | | | | | | | | 10.6 | 6•8 |
| SW | •9 | 1.8 | 1,4 | 1.2 | . 3 | | | | | | | 5.7 | 8 • 2 |
| WSW | • 7 | 1.8 | 2.8 | 1.1 | •1 | | | | | | | 6.4 | 8.0 |
| w | •6 | 3.1 | 4.0 | 2.0 | • 1 | •1 | | | | | | 9.9 | 8.0 |
| WNW | •6 | 2.1 | 1.7 | _ • ઇ | • 1 | .1 | <u> </u> | | | | | 5.3 | 7•: |
| NW | •4 | •6 | 1.6 | • 1 | • 3 | | | | | | | 3.0 | 7.6 |
| NNW | • 3 | .8 | +8 | • 8 | • 2 | | | | | | | 2.9 | 8• |
| VARBL | | | | | | | | | | | | | |
| CALM | $\geq \leq$ | $\geq \leq$ | $>\!\!<$ | $\geq \leq$ | $>\!\!<$ | >> | >< | $\triangleright <$ | | $\supset <$ | >< | 21.9 | |
| | 19.0 | 24.8 | 23.1 | 9.4 | 1.6 | •2 | | | | | | 100.0 | 5. |

TOTAL NUMBER OF OBSERVATIONS

900

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C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 24 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------------|-------|----------|----------|---------|--------------|-------------|-------------|---------|---------|-------------|-------|-----------------------|
| N | 1.7 | 2.2 | •6 | • 3 | | | | | | | | 4.8 | 4.9 |
| NNE | .4 | •6 | •6 | | | | | | | | | 1.6 | 5 • 2 |
| NE | 1.3 | .6 | • 4 | | | | | | | | | 2.3 | 3.9 |
| ENE | 1.0 | 1.0 | ,4 | | | | | | | | | 2.4 | 4.2 |
| E | 1.4 | 1.0 | •7 | •2 | | | | | | | | 3.3 | 5.0 |
| ESE | • 2 | .4 | | •1 | | | | | | | | .8 | 5.0 |
| SE | 8. | .9 | | 5.5 | | | | | | | | 1.9 | 4.6 |
| SSE | 1.7 | 1.1 | 1,2 | • 3 | | | | | | | | 4.3 | 5.6 |
| \$ | 3.9 | 4.6 | 2.7 | 1.2 | .4 | . 2 | | | | | | 13.0 | 6.5 |
| ssw | 2.8 | 3.9 | 3.3 | • 8 | .1 | • 1 | | | | | | 11.0 | 6.2 |
| sw | 1.0 | 2.4 | 2.6 | 1.8 | .1 | | | | | | | 7.9 | 7.7 |
| WSW | 2 | 1.9 | 1.8 | • 8 | .1 | | | | | | | 4.8 | 8.0 |
| w | . 9 | 3.6 | 3.4 | 1.8 | .7 | | - | | | | | 10.3 | 8 • 2 |
| WNW | 1.3 | 1.6 | 1.3 | -4 | •2 | | | | | | | 4.9 | 6.6 |
| NW | • 3 | 1.7 | 1.3 | •7 | 1 | | | | | | | 4.1 | 7.6 |
| NNW | 1.0 | -6 | . 9 | •7 | | | | | | | | 3.1 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | $\geq \leq$ | >< | $>\!\!<$ | \times | X | \mathbb{X} | $\geq \leq$ | $\geq \leq$ | \geq | \geq | $\geq \leq$ | 19.4 | |
| | 20.0 | 27.9 | 21.2 | 9.3 | 1.8 | . 3 | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 900

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICKENBACKER AFB OH | 67-70,73-78 | NOV |
|------------------|---------------------|-------------|----------------|
| \$TATION. | STATION MANE | YEARS | MONTH |
| | | ALL WEATHER | 090071100 |
| | | CLAM | NOURS (L.S.Y.) |
| | | | |
| | | COMPITION | |

| SPEED (KNTS) DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------|--------|-------------|----------|----------|----------|---------|---------|-------------|-------------|----------|-------|-----------------------|
| N | 1.3 | 1.4 | • 6 | •7 | | | | | | | | 4.0 | 5.9 |
| NNE | .7 | 1.6 | •6 | | | | | | T | | | 2.8 | 5.0 |
| NE | .8 | .7 | •1 | • 2 | | ` | | | | | | 1.8 | 5.0 |
| ENE | •8 | 1.6 | •2 | •]. | | | | | | | | 2.7 | 4 • 0 |
| E | 1.1 | 1.3 | 8 ● | .2 | | | | | | | | 3.4 | 5.5 |
| ESE | .2 | 1.0 | • 3 | | | | | | | | | 1.6 | 5.1 |
| SE | •7 | .6 | +4 | • 2 | | | | | | | | 1.9 | 5.8 |
| SSE | •6 | 1.2 | •7 | •6 | | | | | 1 | | | 3.0 | 6.7 |
| S | 3.2 | 4.0 | 5.0 | 2.8 | •4 | | | | | | | 15.4 | 7.4 |
| ssw | 2.4 | 3.2 | 4.0 | 2.1 | •2 | | | | | 1 | | 12.0 | 7.5 |
| SW | 1.0 | 2.0 | 2.1 | 2.8 | .4 | •2 | | | | | | 8.6 | 9.5 |
| wsw | 1.1 | 1.1 | 1.0 | 2.4 | , 8 | • 2 | | · · | | | | 7.0 | 10.5 |
| w | .7 | 2.0 | 4.1 | 3.9 | 1.2 | •1 | | | | | | 12.0 | 10.3 |
| WNW | .4 | 1.0 | 3,1 | 1.8 | •6 | •1 | | | | | | 7.0 | 9.6 |
| NW | •2 | 1.2 | 2.8 | •8 | | | | | | | | 5.0 | 8.0 |
| NNW | .8 | 1.0 | 1.3 | •8 | . 1 | | | | | · | | 4.0 | 7.5 |
| VARSL | | | | | | | | | | | | | |
| CALM | >< | \geq | \boxtimes | \times | $\geq <$ | \times | > | \geq | $\geq \leq$ | \geq | \times | 7.9 | |
| | 16.0 | 24.9 | 27.1 | 19.7 | 3.8 | .7 | | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS 900

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 | RICKENBACKER AFB UH | 67-70,73-78 | VON |
|---------|---------------------|-------------|----------------|
| STATION | STATION NAME | YEARS | MONTH |
| | | ALL WEATHER | 1200-1400 |
| | | CLASS | HOUSE (L.S.T.) |
| | | | |
| | | COMPLETION | |
| | | | |

| SPEED (KNTS) DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 26 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-------|----------|----------|---------|---------|----------|--|-----------|---------|-----------|-----|-------|-----------------------|
| N | .7 | 1.2 | 2.3 | •7 | | | | | | | | 4.9 | 7. |
| NNE | .4 | 1.2 | •1 | .2 | | | | | | | | 2.0 | 5 |
| NE | •6 | . 8 | • 3 | | | | | | | | | 1.7 | 4 |
| ENE | •4 | .7 | •1 | | | | Γ | | | | | 1.2 | 4 |
| E | .3 | 1.0 | 1.1 | •2 | | | | | | | | 2.7 | 6 |
| ESE | •4 | •7 | •3 | | | | | | | | | 1.04 | 5 |
| SE | •7 | .7 | •2 | • 3 | | | | | | | | 1.9 | 5 |
| SSE | .9 | 1.0 | 1.2 | •7 | | | i | | | | | 3.8 | 6 |
| S | 1.7 | 2.9 | 6.7 | 3.1 | .3 | | | | | | | 14.7 | 8 |
| SSW | -4 | 2.2 | 4.0 | 2.8 | .2 | | | | | | | 9.7 | 9 |
| sw | 1.1 | 2.0 | 2.0 | 4.1 | 1.1 | •2 | | i | | | | 10.6 | 10 |
| wsw | •4 | 2.3 | 2.8 | 3.6 | .3 | • 3 | | | | | | 9.9 | 10 |
| w | 2.0 | 1.4 | 4.3 | 5.1 | 2.7 | .6 | | | | | | 16.2 | 11 |
| WNW | -8 | •4 | 2.9 | 2.7 | .6 | | | | | | | 7.3 | _10 |
| NW | .7 | 1.1 | 1.9 | 1.4 | •1 | | i | | | | | 5.2 | 8 |
| NNW | • 3 | •6 | 1.3 | 1.1 | | | | | | | | 3.3 | 9 |
| YARBL | | | | | | | | | | | | | |
| CALM | >< | \times | \times | > < | > < | \times | > < | \supset | > | \supset | >< | 3.6 | |
| | 11.9 | 20.2 | 31.7 | 26.0 | 5.3 | 1.1 | .2 | | | | | 100.0 | 8 |

TOTAL NUMBER OF OBSERVATIONS

900

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12812 | RICKENBACKER AFB UH | 67-70,73-78 | NOV |
|------------------|---------------------|-------------|----------------|
| 13812 STATION | SHAM MOITATE | YEARS | MONTH |
| #IAINA | •••• | ALL WEATHER | 1500-1700 |
| | | CLA 96 | MOURS (L.S.T.) |
| | | | |
| | | CONDITION | |
| | | | NOUES (L.S.T.) |

| SPEED (KNTS) DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|-------|--------------|-------------|-------------|---------|----------------|---|--|--|--|-----|-------|-----------------------|
| N | •6 | 1.2 | 1.3 | ,3 | | | | <u> </u> | | | | 3.4 | 6. |
| NNE | •3 | 1,1 | • 8 | •1 | | | | | | | | 2.3 | 5. |
| NE | •6 | 1.7 | •1 | | | | | | | | | 2.3 | 4 • |
| ENE | •4 | .8 | | | | | | | | | | 1.2 | 4.0 |
| E | • 3 | 1.7 | •7 | • 2 | | | | | | | | 2.9 | 6. |
| ESE | •4 | . 8 | •3 | • 1 | | | | | | | | 1.7 | 5.0 |
| SE | • 7 | .8 | •7 | | | | | | | | | 2.1 | 5• |
| SSE | .6 | 1.3 | 1,4 | •6 | | | | | | | | 3.9 | 6. |
| <u> </u> | 1.0 | 3.7 | 5.4 | 1.7 | •2 | | | | | | | 12.0 | 7. |
| | 1.4 | 1.6 | 3.2 | 1.8 | | •1 | | | | | | 8.2 | 8• |
| SSW | 1.4 | 3.3 | 2.6 | 3.2 | • 7 | - _ | | | | 1 | | 11.2 | 8• |
| SW | • 7 | 1.7 | 2.9 | 3.1 | • | | | ! | 1 | 1 | | 8.3 | 9• |
| WSW | .8 | 2.9 | 4.6 | 6.9 | 2.0 | •2 | | | | | | 17.3 | 10. |
| W | •6 | 2.3 | | 2.6 | | | | | | | | 8.7 | 9• |
| WNW | •9 | .9 | 1.6 | 1.1 | •1 | | | | | 1 | i | 4.6 | 8• |
| NV/ | - 8 | | | 1.1 | - :1 | | | | † | | | 5.0 | -8• |
| NNW_ | • • | •6 | £ • • | | · · · · | | | | | | | | |
| VARBL | | \leftarrow | | | | $\overline{}$ | | $\overline{}$ | $\overline{}$ | $\overline{}$ | | 4.8 | |
| CALM | | >< | \searrow | | | | | | | | | | |
| | 11.4 | 26.2 | 31.0 | | | .3 | | | | | | 100.0 | 7• |

TOTAL NUMBER OF OBSERVATIONS

900

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 | RICKENBACKER AFB UH | 67-70,73-78 | | NOV |
|---------|---------------------|-------------|-------|----------------|
| STATION | STATION NAME | | TEARS | Menth |
| | | ALL WEATHER | | 1800-2000 |
| | | CLASS | | NOVRS (L.S.T.) |
| | | | | |
| | | COMBITION | | |
| | | | | |

| SPEED (KNTS) DIR, | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | , 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEA'I WIND SPEED |
|-------------------------|-------------|----------|-------------|----------|-------------|-------------|-------------|-------------|---------|-------------|-------------|-------|------------------------|
| N | 1.1 | 1.7 | 1.9 | • 4 | | | | | 1 | | | 5.1 | 6.2 |
| NNE | •3 | 1.2 | •9 | •1 | | | | | | | | 2.6 | 5.8 |
| NE | - 8 | 1.0 | •1 | | | | | | | I | | 1.9 | 3.9 |
| ENE | .9 | . 8 | • 3 | • 1 | | | | | | | | 2.1 | 4.4 |
| E | 2.0 | 2.2 | .8 | | | | | | | | | 5.0 | 4.4 |
| ESE | •9 | .4 | •2 | | | | | | | | | 1.6 | 3.7 |
| SE ^ | 1.2 | .9 | •6 | | | | | | | | | 2.7 | 4.0 |
| SSE | 1.6 | 2.2 | 1.6 | •1 | | | | | | | | 5.4 | 5.2 |
| S | 2.3 | 4.0 | 3.4 | • 3 | | | | | | | | 10.1 | 5.5 |
| SSW | 1.6 | 1.2 | 3.2 | •9 | | | | | | | | 6.9 | 6.8 |
| sw | 1.7 | 3.9 | 2,3 | 1.0 | • 1 | 1 | | | | | | 9.1 | 6.5 |
| WSW | . 6 | 1.9 | 3.1 | 1.1 | .3 | | | | | | | 7.2 | 8.2 |
| w | 1.3 | 3.1 | 2.7 | 2.8 | .7 | | | | | | i | 10.6 | 8.6 |
| WNW | 1.8 | 3.1 | 2.7 | 1.2 | .4 | .1 | | | | | | 9.3 | 7.3 |
| NW | 1.1 | 1.6 | 1.4 | 1.0 | • 1 | | | | | | | 5.2 | 7.0 |
| NNW | .7 | . 8 | 1.3 | • 3 | 1 | | | | | | | 3.2 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | $\geq \leq$ | \times | $\geq \leq$ | \times | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | | $\geq \leq$ | $\geq \leq$ | 12.0 | |
| | 20.0 | 30.0 | 26.6 | 9.4 | 1.8 | . 2 | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 900

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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| 2300 |
| .\$.T.) |
| |
| |
| |

| SPEED (KNTS) DIR, | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | i7 - 2 1 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥54 | * | MEAN WIND SPEED |
|-------------------------|-------------------|--------------|--------|---------|-----------------|----------|--|-------------------|--|---------|-----|-------|-----------------------|
| N | 1.0 | 2.3 | 1,3 | •2 | | | | | | | | 4.9 | 5.6 |
| NNE | • 7 | .7 | • 8 | | | | | | | | | 2.1 | 5.1 |
| NE | .9 | .9 | | | | | 1 | | | 1 | | 1.8 | 3.3 |
| ENE | 1.3 | 1.6 | • 2 | •2 | •1 | | | | | | | 3.4 | 5.2 |
| E | 1.1 | 1.9 | •6 | •2 | | | | | | | | 3.8 | 5.0 |
| ESE | . 8 | 1.0 | •7 | •1 | | | | | | i | | 2.6 | 5.2 |
| SE | 1.0 | .7 | •3 | •1 | | | | i | T | | | 2.1 | 4.3 |
| SSE | 1.2 | 1.2 | +4 | +1 | | | | | | | | 3.0 | 4.3 |
| 5 | 3.9 | 5.2 | 3.9 | 1.1 | | | l | | | | | 14.1 | 5.6 |
| SSW | 2.6 | 2.8 | 2+4 | 1.1 | | | | | | | | 8.9 | 6.0 |
| SW | .9 | 2.2 | 2.3 | •8 | | | | i | | | | 6.2 | 7.0 |
| wsw | •6 | 1.3 | 3,3 | 1+4 | •1 | •1 | | | | | | 6.9 | 8.9 |
| w | 1.2 | 1.9 | 2.7 | 2.3 | .8 | | | | | | | 8.9 | 9.2 |
| WNW | .9 | 2.1 | 1.7 | •4 | .8 | | | | | | | 5.9 | 8.0 |
| NW | .7 | 1.4 | 1.8 | • 9 | •1 | | | | | | | 4.9 | 7.8 |
| NNW | •2 | .8 | 1.0 | •8 | .2 | | | | | | | 3.0 | 9.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | $\supset \subset$ | \mathbb{X} | X | X | X | \times | \times | $\supset \subset$ | >< | > < | > < | 17.6 | |
| | 18.9 | 28.0 | 23.4 | 9.0 | 2.1 | • 1 | | | | | | 100.0 | 5•5 |

TOTAL NUMBER OF OBSERVATIONS 900

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICKENBACKER AFB UH | 67-70,73-78 | NOV |
|------------------|---------------------|-------------|-----------------------|
| | | ALL WEATHER | ALL HOURS (L.S.T.) |
| | | CONSITION | |

| SPEED (KNTS) DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 • 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------------|-------------|-------------|-------------|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------|---|
| N | قدا | 1.7 | 1.3 | • 4 | •0 | | | | | | | 4.7 | 5. |
| NNE | •6 | 1.0 | • 5 | • 1 | | | | | | | | 2.2 | 5 • · · · · · · · · · · · · · · · · · · |
| NE | .9 | . 8 | • 2 | • () | | | | | | | | 2.0 | <u> </u> |
| ENE | <u>.8</u> | 1.1 | • 2 | • 1 | .0 | | | ļ | | | | 2.2 | 4 • |
| E | 1.1 | 1.4 | • 7 | • 2 | | | | | | | L | 3.5 | 5 • |
| *\$E! | .5 | .7 | • 2 | • 1 | | | | | <u> </u> | | | 1.5 | 4. |
| 35 | . 8 | .7 | | 2 | | | | | | <u> </u> | | 2.0 | 5 • · |
| SSE | 1.3 | 1.3 | 1.0 | | .0 | | | ļ | | | | 4.0 | 5. |
| | 3.0 | 3.9 | 4.2 | 1.6 | •2 | -0 | | <u> </u> | | | | 13.0 | 6. |
| SSW | 1.9 | 2.7 | 3.4 | 1.4 | .1 | •0 | | | | | | 9.5 | 7. |
| sw | 1.2 | 2.5 | 2.2 | 2.0 | .4 | | | | ļ | ↓ | | 8.2 | 8. |
| WSW | •6 | 1.7 | 2.5 | 1.9 | .2 | 1 | •0 | | | | | 7.0 | 9. |
| w | 1.0 | 2.3 | 3.5 | 3.4 | 1.1 | | •0 | | | | | 11.7 | 9. |
| WNW | ان و | 1,8 | 2.4 | 1.4 | - 4 | 1 | | | | | | 6.9 | 8. |
| NW | •6 | 1.2 | 1.7 | •8 | •1 | | | | <u> </u> | <u> </u> | | 4.4 | 7. |
| NNW | -6 | •7 | 1.3 | •7 | •1 | | | | | | | 3.4 | 8 • |
| VARBL | Ļ | | <u></u> | | | | | Ļ | Ļ., | ļ | Ļ | | |
| CALM | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $> \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | 13.6 | |
| | 17.0 | 25.9 | 25.9 | 14.5 | 2.7 | . 4 | .0 | | | | <u> </u> | 100.0 | 6. |

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICKENPACKER AFB UH | 67-70,73-78 | DEC |
|------------------|---------------------|-------------|----------------|
| STATION | STATION NAME | YEARS | MYHOM |
| | | ALL WEATHER | 0000-0200 |
| | | CLANG | HOURS (L.S.T.) |
| | | СОЖЯТИОМ | |

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------|----------|--------------|----------|-------------|----------|---------|----------|-------------|----------|----------|-------|-----------------------|
| N | •5 | 2.2 | 1.4 | 1.6 | | | | | | | | 5.7 | 7. |
| NNE | •9 | .8 | • 2 | | | | | | | | | 1.8 | 3. |
| NE | 1.4 | •4 | • 2 | • 2 | | | | | | | | 2.3 | 4. |
| ENE | 1.5 | 2.3 | • 8 | •4 | | | | | | | | 5.0 | 5 • |
| E | 1.5 | 3.0 | 1.1 | | | | | | | | | 5.6 | 4• |
| ESE | • 6 | 1.0 | • 6 | | | | | | | | | 2.3 | 40 |
| SE | •6 | .4 | • 3 | | | | | | | | | 1.4 | 4.1 |
| SSE | 1.2 | 1.1 | ,9 | •1 | | | | | | | | 3.2 | 5.0 |
| 5 | 3.4 | 5.9 | 2.3 | 1.5 | | | | | | | | 13.1 | 5. |
| SSW | 1.4 | 3,3 | 1.9 | 1.0 | . 2 | | | | | | | 7.9 | 6. |
| sw | •6 | 2.2 | 1.6 | • 2 | .3 | • 3 | | | | | | 5.3 | 8• |
| WSW | • 2 | • 6 | 1.2 | 1.0 | .6 | •1 | | | | | | 3.8 | 11. |
| * | • 5 | 1.4 | 2.0 | 4.4 | 1.2 | . 3 | | | | | | 9.9 | 11• |
| WNW | •6 | 1.7 | 3.6 | 2.6 | . 3 | •1 | | | | | | 8.9 | 9. |
| NW | • 3 | • 4 | 1.6 | • 3 | • 1 | | | | | | | 2 • 8 | 8• |
| NNW | • 4 | 1.0 | 1.1 | 1.7 | • 1 | | | | | | | 4.3 | 9∙ |
| VARBL | | | | | | | | | | | | | |
| CALM | >< | \times | \mathbb{X} | \times | $\geq \leq$ | $\geq <$ | \geq | $\geq <$ | $\geq \leq$ | $\geq <$ | $\geq <$ | 16.8 | |
| | 15.9 | 27.7 | | | 2.9 | .9 | i ——— | | | | | 100.0 | 6. |

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH SURFACE WINDS USAFFTAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) RICKENBACKER AFB UH 67-70,73-78 0300-0500 SPEED (KNTS) DIR. MEAN WIND SPEED N 1.7 7 . B NNE NE 1.0 .5 1.9 • 3 •5 3.9 ENE 7.0 E ESE 1.0 2.3 1.3 • 6 3.2 SSE 1.0 1.0 5 12.6 3.5 2.8 ssw 1.9 2.8 1.9 1.6 8.6 1.1 5.3 1.2 5W 9.9 1.1 2.0 WSW 11.6 10.8 2.2 WNW 1.1 3.3 2.7 8.2 9.8 NW 1.3 8.6 NNW 1.3 YARBL 15.1 CALM 100.0 TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| SPEED (KNTS) DIR. | 1.3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|------|---------------|--------|-------------------|-------------------|-------------------|-------------|--------------|--------------|--|-------------|-------|-----------------------|
| | •4 | •2 | 1.3 | 1.5 | .3 | | | | | | | 3 • 8 | 10.4 |
| N | | 1.2 | • 5 | | - | | | | | | | 2.7 | 4,3 |
| NNE | 1.0 | | | | | | | | | | | 2.2 | 4.2 |
| NE NE | 1.0 | 1.0 | • 2 | | | | | | | | | 4.0 | 4.9 |
| ENE | 1.3 | 2.2 | • 3 | • 1 | • ٢ | | | | | | | 4.6 | 6.4 |
| E | 1.0 | 1.9 | •0 | 1.1 | | | | | | | | 2.3 | 5.3 |
| ESE | .4 | 1.5 | • 3 | | | | | | | | | 1.8 | 407 |
| SE | •6 | . 8 | • 4 | | | | | | | ļ | | 3.1 | 5.1 |
| SSE | 1.0 | 1.4 | •5 | •2 | | | İ | <u> </u> | | | <u> </u> | 14.7 | 6.1 |
| 5 | 3.2 | 5.7 | 4.3 | 1.4 | . 1 | | | <u> </u> | <u> </u> | | | 8.6 | 7.4 |
| SSW | 1.1 | 3.5 | 2.7 | 1.1 | • 1 | .1 | | | ļ | | | 7.2 | 8.3 |
| SW | 1.2 | 2.2 | 1,7 | 1.8 | . 3 | | | | | | ļ | 3.1 | 8.6 |
| WSW | .2 | 1.1 | •8 | 1.0 | | | | İ | | | | 12.0 | 10.2 |
| w | .8 | 1.9 | 4.0 | 3.7 | 1.0 | . 1 | | 1 | | | ļ | | 9.2 |
| ./NW | . 3 | 1.8 | 2.2 | 2.0 | . 1 | • 1 | l | | | | | 6.6 | |
| NW | 8.8 | 1.0 | | • 5 | .1 | Ĭ | | | <u>.i</u> | | | 3.9 | 7.6 |
| NNW | • 5 | .5 | | 1.1 | 3 | | | | | | <u> </u> | 4.2 | 9.5 |
| VARBL | | <u></u> | | l | | | | | <u> </u> | <u></u> | ļ | | |
| CALM | | $\overline{}$ | > | $\supset \subset$ | $\supset \subset$ | $\supset \subset$ | $\supset <$ | $\supset <$ | $\supset <$ | | $\geq \leq$ | 15.3 | |
| | 14.7 | 27.8 | 23.8 | 15.5 | 2.0 | . 3 | | | T | | | 100.0 | 6.4 |

IOTAL NUMBER OF OBSERVATIONS

930

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 RICKENPACKER AFB UH | 67-70,73-78 | DEC |
|---------------------------|-------------|----------------|
| STATION MANE | YEARS | MONTH |
| | ALL WEATHER | 0900-1100 |
| | CLASS - | HOURS (L.S.T.) |
| | | |
| | CONDITION | |

| SPEED (KNTS) DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|----------|-------------|-------------|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|-----------------------|
| N | 1.0 | 1.2 | • 9 | 2.0 | •1 | | | | | | | 5.2 | 8 • 6 |
| NNE | .6 | -6 | •5 | •2 | | | | | | | | 2.0 | 5. |
| NE | .4 | . 8 | 1.1 | • 2 | | | | | | | | 2.5 | 6.3 |
| ENE | .8 | 1.4 | .9 | | .1 | | | | | | | 3.1 | 5.3 |
| E | 1.1 | 2.0 | 1.5 | •6 | | | | | | | | 5.3 | 6.4 |
| ESE | .4 | 1.1 | • 6 | • 2 | _ | | | | | | | 2.4 | 6. |
| SE | -1 | 1.0 | 1.0 | . 3 | | | | | | | | 2.4 | 7.4 |
| SSE | 1.0 | 1.5 | 1.3 | •6 | | | | | | | | 4.4 | 6.3 |
| S | 1.6 | 4.6 | 5.9 | 1,9 | •1 | | | | | | | 14.2 | 7.3 |
| SSW | 1.0 | 2.7 | 3.8 | 2.7 | | | <u> </u> | | | | | 10.1 | 8 • 8 |
| sw | .4 | 2.0 | 1.8 | 2.6 | .6 | •1 | <u></u> | L | | | | 7.6 | 10.0 |
| W\$W | • 3 | 1.0 | | 2.6 | . 2 | .1 | | | | | | 6.5 | 10.6 |
| w | 2 | 2.4 | 3.9 | 4.8 | | . 6 | | | <u> </u> | | | 12.5 | 11.0 |
| WNW | 3 | . 8 | 2.4 | 2.6 | | | | | | | | 6.0 | 9.8 |
| NW | | . 8 | 1.6 | 1.0 | . 2 | | | | <u> </u> | | | 3.9 | 9.0 |
| NNW | . 4 | 1.0 | 1.6 | 1.0 | . 3 | | | | | | | 4.3 | 9. |
| VARBL | | | | | | | | | | | | | |
| CALM | \times | $\geq \leq$ | $\geq \leq$ | $>\!\!<$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | 7.7 | |
| | 10.0 | 24.7 | 31.0 | 23.4 | 2.3 | . 4 | | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH SURFACE WINDS USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) DEC 13812 RICKENRACKER AFB UH 67-70,73-78 £ ALL WEATHER 1200-1400 HOURE (L.S.T.) 0 1.3 4 - 6 7 - 10 11 - 16 17 - 21 22 - 27 28 - 33 41 - 47 48 - 55 ≥56 11.0 N .9 2.0 2.4 NNE NE 1.0 •6 2.2 6.0 • 8 . 8 3.7 • 4 1.4 6. E 2.8 ESE • 8 SE • 2 1.6 1,3 1.0 SSE . 9 4.7 2.2 .6 C 12.8 5 4,4 •9 4.3 8 . 2 11.2 3.1 • 6 4.5 2.6 3.7 10.2 • 2 2.0 SW 2.8 WSW • 2 1.3 5.1 12.3 3.2 w . 4 1.8 1.3 8.2 WNW .8 C 3.5 1.4 10.4 NNW 5.2 9.8 .6 VARBL 4.1 100.0 9.1 C

TOTAL NUMBER OF OBSERVATIONS

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USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATULOGY BRANCH USAFFTAC SURFACE WINDS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) RICKENBACKER AFB UH 57-70,73-78 C. ALL WEATHER C SPEED (KNTS) DIR. MEAN WIND SPEED NNE NE 1.9 E EŞE SE SSE 5 2.0 3.2 2.8 1.3 2.9 SW 4.2 0 WSW 1.6 1.0 0 1.0 10.8 • 6 WNW 8.5 10.1 C 2.2 3.8 10.1 VARBL C 100.0 TOTAL NUMBER OF OBSERVATIONS USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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Company Company Company of the Same

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 Station | RICKEMBACKER AFB UH | 67-70,73-78 | DEC |
|------------------|---------------------|---------------|-----------------------------|
| | | ALL WEATHER " | 1800-2000 HOURS (L.S T.) |
| | | CONDITION | |

| SPEED (KNTS) DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------------|------|--------|---------|------------|---------|-------------------|-------------|-------------|-------------|-------------|-------|-----------------------|
| N | .3 | 1.0 | 1.8 | 1.3 | •2 | | | | | | | 4.6 | 9. |
| NNE | 1.0 | 1.2 | •5 | د ٠ | | | | | | | | 3.0 | 5∙ |
| NE | • 6 | 1.8 | •3 | | | | | | | | | 2.8 | 4. |
| ENE | 1.1 | 2.0 | • 4 | | | | | | | | | 3.6 | 4. |
| E | 1.9 | 3.5 | •8 | •1 | | | | | | | | 6.3 | 4. |
| ESE | 1.4 | .9 | • 3 | •1 | | | | | 1 | | | 2.7 | 3• |
| SE | 1.4 | 1.2 | • 3 | •1 | | | | | | | | 3.0 | 4. |
| SSE | 1.4 | 2.4 | 1.1 | •5 | • ì | | | | | | | 5.5 | _ 5. |
| S | 1.9 | 2.7 | 2.4 | 1.4 | .2 | | | | | | | 8.6 | 7. |
| SSW | 1.2 | 2.6 | 2.0 | 1.2 | • 1 | •1 | | | | | i | 7.2 | 7. |
| SW | .9 | 3.7 | 1.2 | 1.4 | • 1 | | •1 | | | | | 7.3 | 7• |
| WSW | 1.1 | 1.3 | 1.3 | 1.0 | • 5 | • 1 | | | | | | 5.3 | 8• |
| w | 1.0 | 2.5 | 4.2 | 4.0 | .2 | | | | | | | 11.9 | |
| WNW | • 5 | 1.3 | 3.5 | 3.0 | .4 | | | | | | | 8.7 | 9. |
| NW | •4 | 1.1 | •6 | • 5 | | • l | •1 | | | | | 2.9 | 8• |
| WWW | •6 | 8. | 1.2 | 1.7 | .3 | | | | | | | 4.6 | 3. |
| VARBL | | | | | | | | | | | | | |
| CALM | $\supset <$ | > < | > < | >< | \nearrow | > < | $\supset \subset$ | $\supset <$ | $\supset <$ | $\supset <$ | $\supset <$ | 11.9 | |
| | 16.8 | 29.8 | 22.0 | 16.7 | 2.3 | • 3 | .2 | | | | | 100.0 | 6• |

TOTAL NUMBER OF OBSERVATIONS 927

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICKENRACKER AFB UH | 67-70.73-78 | YSARS | DEC |
|------------------|---------------------|-------------|-------------|-----------------------------|
| | A | LL WEATHER | | 2100-2300 HOUSE (L.S.T.) |
| | | COMBITION | | |

| SPEED (KNTS) DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|----------|------|----------|----------|---------|---------|-------------|----------|----------|----------|-------------|-------|-----------------------|
| N | _ 4 | 1.2 | 1.6 | 1.7 | •1 | | | | | | | 5.1 | 8.7 |
| NNE | ٥٥ | . 8 | • 3 | | | | | | | | | 1.9 | 5.5 |
| NE | 1.1 | _•9 | • 1 | •4 | | | | | | | | 2.5 | 5.4 |
| ENE | 1.6 | 1.7 | 1.3 | | | | | | | | * | 4.9 | |
| E | 1.2 | 3.3 | 1.5 | • 2 | | | | | | | | 6.3 | |
| ESE | 1.3 | .8 | | | | | | | | | 1 | 2.0 | 3.1 |
| SE | 1.3 | 1.2 | • 1 | • 1 | | | | | | | | 2.7 | 4.0 |
| SSE | 1.6 | 1.6 | •9 | • 1 | | | | | | | | 4.2 | 4.6 |
| S | 1.8 | 4.4 | 2.8 | 1.6 | • 3 | | | | | | | 11.0 | |
| ssw | 1.4 | 2.2 | 1.6 | •6 | . 1 | | | | l | | | 5.9 | 6.5 |
| SW | 5 | 2.4 | | . 9 | | • 3 | •1 | | | | | 6.3 | |
| WSW | - 4 | 1.6 | 1.3 | •9 | •3 | •2 | -1 | | | | | 4.9 | 9.5 |
| w | • 9 | 1.9 | 3.5 | 3.8 | .9 | | | | | | | 10.9 | 10.0 |
| WNW | _ 5 | 1.3 | 3.7 | 2.7 | • | . 2 | | | | | | 9.1 | 10.4 |
| NW | . 5 | 1.3 | • 8 | 1.7 | • 1 | | | | | | | 4.4 | 8.8 |
| NNW | - 5 | . 5 | 8 | 1.3 | • 1 | | | | | | | 3.2 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | \times | >< | $>\!\!<$ | \times | >> | >< | $\geq \leq$ | $\geq <$ | $\geq <$ | $\geq <$ | $\supset <$ | 14.8 | |
| | 15.9 | 27.1 | 22.2 | 16.5 | 2.6 | . 8 | • 2 | | | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS 927

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SUEFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

And the same of the same of

TABLE RICKENS ACKER AFB UH 67-70,73-78

STATION NAME

ALL WEATHER

CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------|-------------|--------|------------|--------------|--------------|--|---|--|--------------|---------------|-------|-----------------------|
| | | -, , | 1.3 | 1.6 | .1 | •0 | | | | | | 4.7 | 9.0 |
| N | .5 | 1.1 | | | •0 | | | | | | | 2 • 3 | 5.8 |
| NNE | .7 | .9 | •5 | • 2 | | | | | | | | 2.4 | 5.1 |
| NE | . 8 | •9 | •4 | <u>• 1</u> | .0 | | | | | | | 3.6 | 5.1 |
| ENE | 1.1 | 1.7 | •7 | • 1 | •0 | | | | | | ! ' | | 5 • 4 |
| E | 1.2 | 2.7 | 1.2 | • 3 | | | | | ! | | | 2.4 | 4. |
| ESE | , 8 | 1.1 | •4 | • l | | | | ــــــ ا | | | | 2.3 | 5 |
| SE | .7 | 1.0 | •6 | •1 | | | | <u> </u> | | | ļ | 4.1 | 5.0 |
| SSE | 1.1 | 1.5 | 1.0 | •4 | .0 | | | <u> </u> | <u> </u> | ļ | ļ | 12.1 | 6. |
| 5 | 2.3 | 4.4 | 3.5 | 1.7 | .1 | | | | | ļ | <u> </u> | 8.6 | 7.1 |
| SSW | 1.2 | 2.7 | 2.7 | 1.7 | .2 | •0 | | | ļ | | ļ | 7.4 | 9. |
| SW | • 7 | 2.1 | 2.0 | 1.9 | .4 | •1 | • 0 |) | | ļ | | 5.2 | |
| | •4 | 1.2 | 1.5 | 1.6 | •5 | •1 | •0 |) | <u> </u> | <u> </u> | ļ | | |
| WSW | .6 | 2.1 | 3.6 | 4.5 | .9 | .3 | | | | | | 12.0 | |
| | •5 | 1.3 | 3.0 | 2.9 | | | | 1 | | | <u> </u> | 8.0 | |
| WNW | | | 1.4 | | | .0 | •0 | 5 | | | 1 | 3.8 | |
| NW | • 4 | <u>•9</u> | | | | | | | | | | 4.2 | 9• |
| NNW | . 5 | .8 | 1.4 | 1.4 | • • | | | + | | | | | |
| VARBL | | | ļ | k | | \leftarrow | | $+\!$ | 大 フ | ★ | $\overline{}$ | 11.3 | |
| CALM | | $>\!\!<$ | l>< | I>< | J>< | | | | | | | - | |
| | 13.5 | 26.4 | 25.2 | 19.8 | 3.0 | .6 | | T T | | | | 100.0 | 7. |

TOTAL NUMBER OF OBSERVATIONS

7433

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 13812 STATION | RICKENPACKER AFB UH | 67-70,73-79 | | ALL |
|------------------|---------------------|-------------|-------------|----------------|
| STATION | STATION NAME | | TEARS | MORTH |
| | | ALL WEATHER | | ALL |
| | | CLA96 | | HOURS (L.S.T.) |
| | | | | |
| | | COMBITION | | |
| | | | | |
| | | | | |

| SPEED (KNTS) DIR, | 1-3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|------|------|--------|---------|---------|---------|---------|-------------------|---------|---------|-----|-------|-----------------------|
| N | 1.1 | 1.9 | 1.9 | • 9 | -1 | • 0 | | | | | | 5,9 | 7, |
| NNE | 1.0 | 1.4 | 1.0 | • 3 | _•0 | | | | | | | 3.8 | 5 |
| NE | 1.3 | 1.4 | •7 | 2 | 0 | | | | | | | 3.7 | 5 |
| ENE | 1.4 | 1.6 | • 9 | • 2 | 0 | | | | | | | 4.1 | 5 |
| E | 1.4 | 1.7 | • 9 | • 2 | •0 | | | | | | | 4.3 | 5 |
| ESE | • ઇ | . 8 | • 4 | • 1 | . 0 | | | | | | | 2.0 | 4 |
| SE | ,7 | . 8 | • 4 | _ • 1 | .0 | 0 | | | | | | 2.0 | 4 |
| SSE | 1.3 | 1.5 | . 8 | • 3 | •0 | •0 | | | | | | 3.9 | 5 |
| S | 3.5 | 4.2 | 2.9 | 1.1 | •1 | • () | •0 | | | | | 11.9 | 5 |
| SSW | 1.7 | 2.9 | 2.8 | 1.4 | 2 | 1 | •0 | •0 | | | | 9.2 | 7 |
| sw | 1.0 | 2.0 | 2.1 | 1.6 | . 3 | .1 | •0 | •0 | | | | 7.1 | R |
| WSW | •6 | 1.3 | 1.7 | 1.5 | .3 | • 1 | •0 | .0 | •0 | | | 5.4 | 9 |
| w | . 8 | 1.8 | 2.8 | 2.5 | 6 | • 2 | •0 | .0 | | | | 8.6 | 9 |
| WNW | •6 | 1.3 | 1.7 | 1.3 | .3 | . 1 | •0 | •0 | | | | 5.2 | 8 |
| NW | . 5 | 1.1 | 1.2 | - 8 | •1 | - 0 | •0 | | | | | 3.8 | 8 |
| NHW | , 5 | .9 | 1.3 | .9 | 1 | .0 | •0 | | | | | 3.8 | 8 |
| VARBL | | | | | | | | | | | | | |
| CALM | >< | > < | > < | > < | > < | > < | >< | $\supset \subset$ | > < | > < | > < | 15.2 | |
| | 18.3 | 26.8 | 23.6 | 13.4 | 2.2 | | . 1 | | | | | 100.0 | - |

TOTAL NUMBER OF OBSERVATIONS 87624

USAFETAC FORM 0.8-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT DR MORE

| SPEED (KNTS) DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 · 55 | ≥56 | * | MEAN WIND SPEED |
|-------------------------|-------|------|--------|---------|---------|----------|---------|---------|-------------|---------|-------------|-------|-----------------------|
| N | 1.1 | 2.3 | 3.6 | 2.5 | .4 | •0 | | | | | | 9.9 | 8 • |
| NNE | 1.0 | 1.5 | 1.6 | • 8 | .1 | | | | | | | 5.0 | 7. |
| NE | 1.0 | • 9 | •9 | • 5 | .1 | | | | | | | 3.3 | 6. |
| ENE | 1.3 | 1.7 | 1.4 | •4 | •1 | | | | | | | 4.8 | 6. |
| E | 1.2 | 1.8 | 1,2 | •6 | •0 | | | | | | | 4.8 | 6. |
| ESE | •6 | •9 | • 3 | •1 | | | | | | | | 1.9 | 4. |
| SE | .7 | •9 | • 3 | • 1 | | | | | | | | 2.0 | 40 |
| SSE | 1.0 | 1.3 | • 8 | • 2 | •0 | | | | | | | 3.3 | 5• |
| ` S | 2.6 | 3.3 | 2.5 | 1.1 | •1 | | | | | | | 9.6 | 6. |
| SSW | 1.6 | 2.5 | 2.2 | 1.0 | • i | •0 | | | | | | 7.4 | 6• |
| SW | 9 | 1.9 | 1.8 | • / | •2 | • 1 | | | | | | 5.6 | 7• |
| WSW | •6 | 1.3 | 1.2 | •9 | . 3 | • 1 | •0 | | | | | 4.4 | 8• |
| | • 7 | 1.3 | 2.1 | 2.1 | •6 | • 3 | •0 | •0 | | | | 7.1 | 10• |
| WNW | •6 | 1.1 | 2.0 | 1.1 | • 3 | .0 | •0 | | | | | 5.1 | 9. |
| NW | • 4 | 1.1 | 1.4 | 1.2 | • 2 | .1 | •0 | | | | | 4.3 | 9. |
| NNW | •6 | 1.0 | 1,8 | 1.8 | .4 | •0 | | | | | | 5.6 | 9• |
| VARBL | | | | | | | | | | | | | |
| CALM | >< | > < | > < | >< | > < | \times | > < | >< | $\supset <$ | | $\supset <$ | 16.0 | |
| | 15.8 | 24.8 | 25.0 | 14.9 | 2.8 | .7 | •1 | •0 | | | | 100.0 | 6. |

TOTAL NUMBER OF OBSERVATIONS 9965

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE INVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILIT

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class no calling, versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined.
- By month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility esparately, or in combination of seiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, Visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several emmples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Mayy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "mo ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USEN and U.S. Many stations the "mo ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TAMPLATION

| | | | • | | - | | , Ai | MULTY IS | ATUTE MA | vesi . | | | | | | |
|-----------------|----------|-----|------------|---------|-------|--------|---------------|----------|----------|--------|------|---|----------|---------|--------|----------|
| HILING IMETI | ≥ 10 | 6. | ≥ ș | ≥ 4 | ≥ 3 | ≥ 21/4 | Ž'Ž' | 21% | 214 | ≥1 | È ¥, | 2 % | 2 % | ≥ \$/16 | 2 % | 20 |
| CHINE | | | | | ^ | | | | | | | | | | | |
| 1 | | | | | | | وندر بند | | | | - 32 | \simeq | \simeq | | | \simeq |
| 1800 | | | _ | | -91:0 | | | | | | | • | , | | | 92.6 |
| 1200 | | | - 4 | - + | | | - 200 V | | | 4 | \ | ,, | | | * * | |
| 900 ° | | | د میر ع | . 7 - 7 | | | 34.4 | | | , | - 4 | | | | | |
| 700 | | | | | • | | * 7,75 .55 | | : | - | - | , <u>, , , , , , , , , , , , , , , , , , </u> | | | , ,,,, | 7 ext |
| 500 | | | | | | , | | | | 97.4 | | | | · | - | 90;1 |
| 300 | | | | | 43 | avid. | 72 12 | | 17. | 4.3% | No. | 7 | 12 - 2 | | | |
| E 100 | | ~ ; | | 10 mg | | 17.44 | | - | 2.7 | | . 1. | 7 T | | | 7. | 100. |

EXACTE # 1 Read colling values independently of visibility under column at right booked 2 0.

For instance, from the table; Colling > 1700 feet a 98.65.

Officer > 400 feet a 98.16.

ELA 7.5 \$ 2 Need visibilities independently of sollings on bottom line expecte & G. From the tables visibility > 3 miles = 97.95.

Visibility > 2 miles = 96.95.

Visibility > 1 miles = 96.35.

READULE # 3 To obtain combinations of celling with visibility, read figure at intersection of the two categories; i.e.; Celling > 1500 feet with visibility > 3 miles - 91.05.

ADDITIONAL EXAMPLES

Values below minimum stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

TO find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of > 1500 feet with > 3 miles, subtracted from 97.4 read from the table at the intersection of > 500 feet with > 1 mile is equal to 6.4%. Thus, 6.4 percent of the observations meet the eriteria: "ceiling > 500 feet with visibility > 1 mile, but < 3 miles; or ceiling > 500 feet, but < 1500 feet with visibility > 1 mile."

Since these tabulations are prepared in several ways including by menth, by 3-hour groups it is possible to determine diurnal variations of cailing and visibility limits as well as probabilities of var cus ceiling-visibility combinations.

CEILING VERSUS VISIBILITY

13812 RICKENPACKER AFB UH

68-10,73-79

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_0000=0200

| CFILING | | | | | | | VIS | BILITY (STA | TUTE MILE | ES) | | | | | | |
|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|---------------|------------------|--------------|------------------|
| 1 1661 | ≥10 | ≥6 | ≥5` | ≥ 4 | ≥3 | ≥2'2 | ≥ ? | 2172 | ≥1¼ | ١٢. | ≥ '₄ | ≥,• | ≥ ; | ≥5 16 | ≥ , | ≥0 |
| NO CILING ≥ 20000 | 23.8 | 37.8 | 33.1 33.9 | 33.4 | 34.9 34.9 | 34.1 34.9 | 34.5 | 34.6 35.5 | 34.6 35.5 | 34.8 35.7 | 34 · 8 | 34.9 35.8 | 35.1 35.9 | 35.1 35.9 | 35.1 35.9 | 35.5 |
| ≥ 18000 ≥ 16000 | 24.6 | 34.0 34.4 | 34.3 34.7 | 34.6 35.1 | 35.4 35.8 | 35.4 35.8 | 35.8 | 35.9 36.3 | 35.9 36.3 | 36.1 36.6 | 36.1 36.6 | 36.2 36.7 | 36.3 36.8 | 36.3 36.8 | 36.3 | 36.8 |
| ≥ 14000 ≥ 12000 | 24.6 24.8 | 34.5 | 34.8 35.3 | 35.2 35.6 | 35.9 36.3 | 35.9 36.3 | 36.3 36.8 | 36.5 36.9 | 36.9 | 36.7 37.1 | 36.7 | 36.8 | 36.9 37.3 | 36.9 37.3 | 36.9 | 37.3 |
| ≥ 10000 ≥ 9000 | 26.0 26.8 | 36.7 37.5 | 37.2 38.1 | 37.5 38.4 | 38.3 39.1 | 38.3 39.1 | 38.7 | 38.8 | 38.8 | 39.0 39.9 | 39.0 39.9 | 39 • 1 40 • 0 | 39.2 40.1 | 39.2 40.1 | 39.2 40.1 | 39.7 |
| ≥ 8000 ≥ 7000 | 28.0 28.6 | 39.9 40.8 | 41.4 | 41.1 | 41.9 42.0 | 42.9 | 42.5 | 42.6 | 42.7 | 42.9 43.8 | 42.9 43.8 | 43.0 | 43.1 | 43.1 | 43.1 | 43.5 |
| 2 6000 2 5000 | 29.5 30.4 | 42.2 | 42.8 | 45.5 | 44.4 46.3 | 44.5 | 44.9 | 45.1 47.1 | 45.2 | 45.4 | 45.4 | 45.5 | 45.6 | 45.6 | | 46.0 |
| ≥ 4500 ≥ 4000 | 32.2 32.9 | 46.9 48.6 | | 48.4 50.2 | 49.2 51.4 | 49.4 51.5 | 49.8 51.9 | 50.0 52.3 | 50.1 52.4 | 50.3 52.6 | 50.3 52.6 | 50.4 52.7 | 50.5 52.8 | 50.5 52.8 | 50.5 52.8 | 51.0 53.2 |
| ≥ 3500 ≥ 3000 | 33.9 36.2 | 54.2 | 51.0 55.1 | 51.8 56.2 | 53.0 57.5 | 53.1 57.7 | 53.5 58.3 | 53.9 58.7 | 54.2 59.0 | 54.4 59.2 | 54.4 59.4 | 54.5 59.4 | 54.6 59.5 | 54.6 59.5 | 54.6 | 55 • 1 59 • 9 |
| ≥ 2500 ≥ 2000 | 39.2 41.9 | 59.4 67.3 | 69.2 | 70.6 | 63.5 73.1 | 73.5 | 74.6 | 65.2 75.2 | 65.5 75.5 | 65.8 75.8 | 65.9 75.9 | 66.0 76.0 | 66.1 76.1 | 66 • 1 76 • 1 | 66.2 76.2 | 76.7 |
| ≥ 1800 ≥ 1500 | 42.2 | 68.0 72.4 | 69.9 74.9 | 71.3 76.6 | 73.9 80.0 | 74.3 80.4 | 75.5 81.7 | 76.0 | 76.3 82.9 | 76.7 83.2 | 76.8 83.4 | 76.9 83.5 | 77.0 83.7 | 77.0 83.7 | 77.1 83.6 | 77.5 |
| ≥ 1200 ≥ 1000 | 44.1 44.1 | 74.0 | | 78.4 79.0 | 81.9 | | 84.2 85.5 | 85.2 86.6 | 85.5 86.9 | 86.0 | 86.2 87.7 | 86.3 87.8 | 86.5 88.2 | 86.5 88.2 | 86.6 E.88 | 87.0 88.7 |
| ≥ 900 ≥ 800 | 44.4 | 74.7 | 78.6 | | 83.9 | 84.6 | 86.7 | 88.0 | 90.1 | 89.1 90.8 | 91.1 | 89.6 91.2 | 89.9 \$1.5 | 89.9 91.5 | 90.0 91.6 | 90.4 |
| ∴ /(x) ≥ 660 | 44.4 | 75.5 75.6 | | | 86.3 | 87.4 | 90.1 90.5 | 91.4 | 92.0 92.8 | 92.7 93.7 | 93.4 | 93.5 | 93.9 | 94.8 | | 94.4 |
| ≥ 500 ≥ 400 | 44.4 | 75.6 75.6 | 79.6 | | 86.3 | | | 92.6 | 93.2 94.1 | 94.1 | 94.8 95.8 | 95.9 | | 96.5 | 96.6 | 96•0 97•0 |
| ≥ 300 ≥ 200 | 44.4 | 75.6 | 79.6 | | 86.6 | 87.7 | 91.5 | 93.8 | 94.6 | 95.8 | 90.9 | 97.0 | | | 98.1 | 97•7 98•5 |
| ≥ 100 ≥ 0 | 44.4 | 75.6 75.6 | | 81.9 81.9 | 86.6 | 87.7 87.7 | 91.5 | 93.8 | 94.7 | 95.8 | | 97.0 97.0 | 97.7 | 98.3 98.3 | | .99.9 L00.0 |

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC 101 of 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_0300,50500

| | | | | | | | VIS | BILITY (STA | ATUTE MILE | E51 | | | | | | |
|-----------------------|-------------------|------------------|------------|--------------|-------|------------------|----------------|---------------|------------|--------------|---------------|-------------|------------|----------------|--------------|--------------|
| CEILING SEE1 | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2'5 | ≥ ? | ≥ו'י | ≥1% | ż١ | ≥ 3• | ≥,• | ≥ 7 | ≥5 16 | <u> </u> | ≥0 |
| NO CEILING 2 70000 | 20.9 | 29.2 30.3 | 29.5 | 29.0 30.8 | 29.0 | 30 · 1 | 30.3 | 30.4 _31.0 | 30. | 30.9 | 30.4 | 30. | 31.3 | 31 • 32 • | 31.0 _32. | -33.9 |
| ≥ 18000 ≥ 16000 | 21.6 | 30 • 5 30 • 5 | 30.9 | 31.0 31.2 | 31.3 | 31 • 3 31 • 3 | 31.5 | 31.6 32.0 | 31.6 | 32.3 | 32.3 | 32.3 | 32. | 32. | 33.0 | 34.3 |
| ≥ 14000 ≥ 12000 | 22.2 | 31.3 | 31.0 | 31.7 | 32.0 | 32.3 | 32. | 32.0 | 32.0 | 33.6 | 33.0 _33.4 | 33.6 | 33. | 33.4 | 33. | 34.8 35.6 |
| ≥ 10000 ≥ 9000 | 23.9 | 34.3 | 34.0 | 34.7 | 35. | 35.3 | 35.5 | 35.6 36. | 35.6 | 36.0 36.0 | 36.0 | 36.0 | 36. | 36.: 37.: | 36.8 | 37.8 38.7 |
| ≥ 8000 ≥ 7000 | 25.2 | 36.8 | | 37.2 | 37.4 | 37.7 | 30.6 | 38.1 | 38 - 39 - | 38 | 38.5 | 38. | 38. | 38.9 40.7 | 39.7 | 40.3 |
| ≥ 6000 ≥ 5000 | 27.4 | | | 40. | 40.9 | 41.1 | 44. | 41.4 | 41.4 | 41.8 | 41.6 | 41.8 | 42. | 42 • . | 42.6 | 43.7 |
| ≥ 4500 ≤ 4000 | 30. | 44. | 45. | | 46.5 | 46.8 | 41.0 | | 47. | 47.0 | 47.7 | 47. | 48. | 48. | 48. | 49.0 |
| ≥ 3500 ≥ 3000 | 30. 31. 32. | 47.2 | 48. | | | | 50 • 5 | 50.9 | 51. | 51 · | 51.6 | 51.6 55. | 52. 55. | 52.0 | 52.4 55.4 | 53.4 |
| ≥ 7500 ≥ 2000 | 34. | 50.2 54.2 | 55. | 56.8 | 58.1 | 58.4 | 5g. | 59. | 59.4 | 59. | 60.0 | 60. | 60. | 60. | 60. | 01.8 |
| ≥ 1800 ≥ 1500 | 38. | 62. | 64. | | | | 70. | 70.4 | 70.6 | 71. | 71.4 | 71. | 71. | 71. | 72.7 | 73.2 |
| ≥ 1200 ≥ 1000 | 40. | - 1 | 71. | 74. | 78.0 | 78.0 | | 80.9 | 81. | 82. | 82.6 | 82. | 83. | 83. | 83.4 | 84 • 5 |
| ≥ 900 ≥ 800 | 41. | 1 70. | 73. | 76. | 80. | 81. | 82.0 | | 84. | 85. | 85.8 | | 86. | 3 86 · 1 | 86. | 87.7 |
| 2 700 2 600 | 41. | 5 71 · · | 75. | | 82.9 | 83. | 9 85. | 87. | 88. | * | | 7 | | | 7 | 91.4 |
| ≥ 500 ≥ 400 | 41. | 5 72. | 75. | 79. | 2 84. | 85. 85. | 5 87. 6 8H. | | | 91. | | | 93. | 3 93. 1 95. | 93. | 94.7 |
| 2 300 | 41. | 5 72. | 75. | 5 79. | 2 84. | 85. | 6 88. | 8 90. | _ | 9 93. | 8 94. | | 9 95. | 95. | 9 | 96.8 |
| 2 100 | 41. 41. | 5 72. 5 72. | 75. 75. | 5 79. | | 85. 85. | 6 88. | 8 90 . | 8 91. | 9 93. | | 95 | | | 3 97. | |

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC 104 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLU

CEILING VERSUS VISIBILITY

13812

RICKENBACKER AFB UH

68-70,73-79

<u>~~'√</u>₹₽11

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u>−0600</u>5=0800

| CEILING | | | | | | | VISI | IBILITY (STA | ATUTE MILE | ES) | • | | | | | |
|-------------------------|----------------------|--------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|------------------|--------------|--------------|--------------|---------------|
| FEET | ≥ 10 | ≥6 | ≥ 5 | _ ≥4 | ≥3 | ≥2½ | ≥ 2 | ≥1% | 21% | ≥1 | ≥ '₄ | ≥ ′• | ≥ '7 | ≥5 16 | ≥ . | ≥0 |
| NO CFILING ≥ 20000 | 17.8 18.4 | 27.3 28.4 | 28.3 | 29.0 30.1 | 29.4 30.4 | 29.4 30.4 | 30.0 | 30.2 31.3 | 30.2 | 30.2 | 30.2 31.3 | 30.2 31.3 | 30.6 | 30.6 | 30.6 | 31.5 |
| ≥ 18000 ≥ 16000 | 18.4 18.5 | 28.4 28.5 | 29.5 | 30.1 30.7 | 30.4 30.5 | 30.4 30.5 | 31.1 | 31.3 31.4 | 31.3 | 31.3 | 31.3 | 31.3 | 31.7 | 31.7 | 31.7 | 32.7 |
| ≥ 14000 ≥ 12000 | 18.7 18.9 | 29.1 29.6 | 30.1 30.5 | 30.9 | 31.7 | 31.2 | 31.8 | 32.0 | 32.0 32.6 | 32.0 32.6 | 32.0 | 32.6 32.6 | 32.5 33.0 | 32.5 | 32.5 33.0 | 33.3 |
| ≥ 10000 | 19.9 20.1 | 31.4 | 32.4 32.6 | 33.4 | 33.9 | 33.5 | 34.2 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 | 34.8 35.2 | 34.8 35.2 | 34.8 35.2 | 35.7 |
| ≥ 8000 ≥ 7000 | 21.0 | 33.9 | 34.8 36.3 | 35.7 | 36.1 37.c | 36.1 37.6 | 30.8 | 37.0 38.6 | 37.0 38.6 | 37.0 38.6 | 37.0 38.6 | 37.0 38.6 | 37.4 39.0 | 37.4 39.0 | | 38.3 |
| ≥ 6000 ≥ 5000 | 23.5 | 37.7 38.9 | 39.1 40.3 | 40.0 | 40.4 41.0 | 40.4 | 41.2 | 41.4 | 41.4 | 41.4 43.1 | 41.4 | 41.4 | 41.6 | 41.8 | | 42.7 |
| ≥ 4500 ≥ 4000 | 24.6 25.1 | 40.3 | 41.6 | 42.9 44.0 | 43.5 | 43.5 | 44.5 | 44.8 | 44.8 | 44.8 | 44 • 8 46 • 3 | 44.8 | 45.3 46.8 | 45.3 46.8 | 45.3 | 46.1 |
| ≥ 3500 ≥ 3000 | 25.9 27.1 | 43.0 | | 45.7 | 49.0 | 46.6 | 47.7 50.4 | 48.2 51.0 | 48.2 51.0 | 48.2 51.0 | 48.2 51.0 | 48.7 51.0 | 48.6 51.4 | 48.6 51.4 | 48.6 51.4 | 49.5 52.5 |
| ≥ 2500 ≥ 2000 | 28.0 30.1 | 48.4 55.2 | 50.9 58.0 | 52.5 | 53.4 62.0 | 53.8 62.4 | 55.2 63.8 | 55.8 64.4 | 55.8 | 55.8 64.4 | 55.8 | 55.8 64.5 | 56.2 64.9 | 56.2 64.9 | | 57•1 65•8 |
| ≥ 1800 ≥ 1500 | 30.3 | 56.1 59.8 | 59.7 63.8 | 61.8 | 63.4 | 63.8 | 65.4 71.5 | 72.2 | 72.2 | 66.0 72.3 | | 72.6 | | 66.7 73.1 | 66.7 | 67•5 _74•0 |
| ≥ 1000 | 32.4 | 65.2 | 69.9 | 70.9 | 74.7 | 75.5 | · | 78.5 80.8 | 78.5 81.0 | 81.7 | 78.8 | 79 • 1 82 • 4 | 79.7 | | 82.9 | -0.32.4 |
| ≥ 900 ≥ 300 | 32.4 32.7 | 65.8 | 70.6 | 74.1 | 78.2 79.5 | 78.9 | | 83.5 | 82.4 | 84.8 | | 84 • 1 85 • 9 | 84.6 86.5 | 86.5 | 86.7 | 87.5 |
| ≥ 700 | 32.8 | 67.3 | 72.0 | 76.3 | 80.4 | 82.5 | | 86.1 | 84.8 | 88.2 | 86.9 89.1 | 89.9 | | 90.8 | 91.0 | 89.4 91.8 |
| ≥ 500 ≥ 400 | 32.8 32.8 32.8 | 67.5 67.6 | 72.6 72.7 72.7 | 76.7 76.8 | | 83.4 83.9 | 85.8 | 88.7 | 89.2 | 91.6 | 91.3 | 92.0 93.8 | 92.8 | 94.8 | 95.3 | 94.2 96.1 |
| ≥ 300 ≥ 200 > 100 | 32.8 32.8 | 67.6 | 72.7 | 76.8 76.8 | 82.5 | 83.9 | | 88.9 | 89.2 | | | 94.9 | 95.4 95.8 | 95.7 96.1 | 96.5 97.0 | 97•3 97•8 |
| ≥ 100 ≥ 0 | 32.8 | | | 76.8 | | 83.9 | 86.6 | | 89.5 | 92.7 92.7 | 94.3 | 95•2 95•2 | 96•0 96•0 | 96.6 96.6 | | 98.9 100.0 |

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC 101.64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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CEILING VERSUS VISIBILITY

13812 RICKENRACKER AFB UII

-0800-1100

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | | | | | | | VIS | IBILIET (51/ | איש אטדני | :S1 | | | | | | |
|-----------------------|------|------|------------|-------------|--------|--------------|--------------------|----------------|----------------|----------------|------------------|-------|-------------------------|------------------|------------|--------------------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥21⁄2 | ≥ 2 | ≥1% | ≥14 | ≥1 | ≥ 14 | ≥'• | ≥ '5 | ≥ 5 16 | ، ≤ | ≥0 |
| NO CEILING ≥ 20000 | 17.5 | 26.8 | 27.5 | 28.1 | 28.0 | 28.8 | 29.4 | 29.6 | 29.6 | 29. | 29.8 | 29.1 | 29. | 29. | 29.9 | 30.7 |
| ≥ 18000 ≥ 16000 | 18.2 | 29.4 | 30 · · | 31.2 | 31. | 31.9 | 32.0 | | 32.8 | 32.9 | 33.0 | 33.0 | 33.0 | 33. | 33. | 33. |
| ≥ 14000 ≥ 12000 | 18.2 | 29.6 | | 31.0 | 32. | 32. | 33.2 | 33.4 | 33. | 33. | 33. | 33. | 33. | 33. | 33. | 34. |
| ≥ 10000 ≥ 9000 | 18.9 | 31.8 | 33.4 | | 35.4 | 35.7 36.2 | 30 · | 36.7 37.7 | 36 • 37 • | 36. | 36.9 37. | 36. | 30. | 36.9 | 37.5 | 37•3 |
| ≥ 8000 ≥ 7000 | 20.0 | | 36.0 | | 38.5 | 38.6 | 39.6 | 39.8 | 39.1 41. | 39. | 40.0 | 40.1 | 40. | 4-41-4 | 41. | 40•4 -41•4 |
| ≥ 6000 ≥ 5000 | 21.2 | 36.0 | 38.3 | 39.5 | 41.0 | 41 • 3 | 42. | 42.4 | 42. | 42. | 42.0 | 42. | 42. | 42.0 | 44 | 43.0 |
| ≥ 4500 ≥ 4000 | 22.4 | 38.8 | 41.2 | 42.6 | 44.2 | 44. | 45. | 45.9 | 45.9 | 46. | 46.1 | 46 • | 46. | 1 46.1 | 46. | 46•6 48• 4 |
| ≥ 3500 ≥ 3000 | 23.1 | 41.0 | 44.0 | | 47.2 | 47. | 48. | 49.7 | 49.4 | 49. | 50.0 52.2 | 52. | 0 50 • 3 52 • | 3 52 - | 52. | 50 • 4 52 • 1 |
| ≥ 2500 ≥ 2000 | 24.4 | 44. | 48. 53. | 49.5 | 52 · (| 53. | 54. | 55.7 | 55. 64. | 55. 65. | 56.2 6 - 66.2 | 56. | 7 56. | 2 56.7 | 56. | 56•7 |
| ≥ 1800 ≥ 1500 | 26.1 | 51.6 | 55.4 | | 61.5 | 62. | 7 65. | 72. | 72. | 73. | 4.74. | 68. | 74. | 740 | 68. | 68 • 8 74 • 8 |
| ≥ 1200 ≥ 1000 | 27.8 | 57.5 | | 1 | | 73. | 70. | 3 78 8 80 - | 78. | 4 79. | 83. | 80• | 3 80. | 4-83-1 | 80. 83. | 81.7 |
| ≥ 900 ≥ 800 | 28. | 59. | 1 | 71. | 76.6 | 79. | 1 80 • 1 1 82 • | 82.0 | 1.85 | 1 84. 7 87. | 85.5 5 88-1 | 8B. | 6 85. 9 89. | 9 86. | 89. | 3 |
| ≥ 700 ≥ 600 | 28.4 | 1 | 67.4 | 72. | 77. | 80. | 5 84. | 5 86 • 6 | 86. | 88. | 7 90.0 | 91. | 90. | 7 250 | 93. | 91•1 |
| ≥ 500 ≥ 400 | 28.4 | 60. | 67. | 72. | 78. | 81. | 85. 4 85. | 88. | 89. 5 90. | 93. | 95.9 | 93. | 994. | 4.97 | 78. | 95.6 98.4 98.9 |
| ≥ 300 ≥ 200 | 28. | 400 | 6 67. | 72. | 78. | 81. | 7 85. | 9 89. | 8 90. | 8 93. | B 96. | 96. | 6 97. 7 97. 7 97. | 4 98• | 94. | 7 |
| ≥ 100 ≥ 0 | 28. | 60. | | 72. | 78. | 81. | 7 85. 7 85. | 9 89. 9 69. | 8 90. 8 90. | 8 93. 8 93. | 8 96 | 2 96. | 7 97 | 98. | 98. | 1 |

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

13812

RICKENPACKER AFB UH

68-70,73-79

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING | | | | | | | VISI | BILITY (STA | ATUTE MILI | ES1 | | | | | | |
|----------------------------|----------------------|----------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------------|--------------|-----------------------|
| FEET | ≥10 | ≥6 | ≥ 5 | ≥ 4 | ≥3 | ≥2⅓ | ≥ 2 | ≥1% | ≥1¼ | ≥1 | ≥ 14 | ≥'• | ≥ ′₂ | ≥5 16 | ≥ . | ≥0 |
| NO CEILING ≥ 20000 | 20.2 | 28.5 32.2 | 32.4 | 29.6 33.7 | 30.3 34.0 | | 30.5 34.3 | 30.5 34.4 | 30.9 34.7 | 30.9 34.7 | 30.9 34.7 | 31.0 34.8 | 31.0 34.8 | 31.0 | 31.0 34.8 | 31.0 |
| ≥ 18000 ≥ 16000 | 22.9 | 32.4 | | 33.4 | 34.2 34.5 | 34.2 34.5 | 34.5 | 34.6 | 34.9 35.3 | 34.9 35.3 | 34.9 | 35.1 35.4 | 35.1 35.4 | 35.1 35.4 | 35.1 35.4 | 35.1 |
| ≥ 14000 ≥ 12000 | 23.8 | 33.2 | 34.3 35.7 | 34.6 | 35.6 37.0 | 35.6 37.0 | 35.9 37.3 | 36.0 37.4 | 36.3 37.7 | 36.3 37.7 | 36.3 37.7 | 36.5 37.8 | 36.5 <u>37.8</u> | 36.5 37.8 | 36.5 | 36.5 17.5 |
| ≥ 10000 ≥ 9000 | 25.3 | 35.6 | 37.8 38.4 | 38.2 | 39.1 39.7 | 39.1 39.7 | 39.6 40.1 | 39.7 40.2 | 40.0 40.5 | 40.0 | 40.0 40.5 | 40.1 | 40.1 | 40 • 1 40 • 6 | | 40.3 40.9 |
| ≥ 8000 ≥ 7000 | 26.1 27.4 27.8 | 40.9 | | 43.2 | 42.6 | 42.8 | 45.1 | 43.3 | 43.7 45.5 | 43.7 45.5 | 43.7 | 43.8 45.6 | 43.6 45.6 | 43.8 45.6 | 45.7 | 44.0 _45.8 |
| ≥ 6000 ≥ 5000 ≥ 4500 | 28.4 | 41.5 | 43.2 | 44.0 45.8 47.3 | 45.1 47.3 48.8 | 45.5 47.8 49.4 | 45.9 | 46.0 48.4 | 46.3 | 46.3 | 46.3 46.7 | 46.5 48.8 | 46.5 48.8 | 46.5 | 48.9 | 49.0 |
| ≥ 4000 ≥ 3500 | 29.0 | 45.2 | 47.4 | 48.6 | 50 · 1 | 50.6 52.3 | 4).8 51.1 52.7 | 49.9 51.4 53.1 | 50.2 51.7 53.4 | 50.3 51.8 53.7 | 50.3 51.8 53.7 | 50.4 51.9 53.8 | 50.4 51.9 53.8 | 50 • 4 51 • 9 53 • 8 | 52.0 | 50.6 52.2 |
| ≥ 3000 ≥ 2500 | 31.4 | 49.1 | 51.5 | 52.9 55.4 | 54.4 | 54.9 | 55.4 5ช.4 | 55.8 58.8 | 56.1 | 56.3 59.4 | 56.3 | 56.5 59.5 | 56.5 59.5 | 56.5 | 56.6 | 54.0 -56.7 59.7 |
| ≥ 2000 | 34.6 35.3 | 58 1 60 • 1 | 61.5 | 63.3 | 65.6 | 66.2 | 67.3 | 68.1 70.8 | 68.6 | 69.2 71.9 | 69.5 | 69.6 | 69.7 | 69.7 | 69.8 | 69.9 72.6 |
| ≥ 1500 | 36.3 | 63.7 | 68.6 72.5 | 70.5 | 73.2 | 74.0 | 75.4 | 76.6 81.3 | 77.4 | 78.3 83.3 | 78.5 | 78.6 | | 76.7 | 78.8 | |
| ≥ 1000 | 36.9 36.9 | 66.7 | 73.4 | 76.0 | 80.2 81.9 | | 82.9 | 84.3 | | | 87.2 | 87.3 90.0 | | 87.4 | 87.5 | 87.6 |
| ≥ 800 | 36.9 | 67.0 | 75.1 | 78.3 | 84.5 | | 87.5 | | 92.0 | 91.5 93.3 | | | 92.5 | | 94.5 | 92.7 |
| ≥ 600 ≥ 500 ≥ 400 | 36.9 | 67.1 | 75.4 75.6 | 79.0 79.2 | 85.6 | 87.6 | 90.6 | 92.6 | 93.9 | | 96.6 | 96.8 | 97.0 | 97.0 | 97.3 | |
| ≥ 300 ≥ 200 | 36.9 36.9 36.9 | 67.2 67.2 | 75.7 75.7 75.7 | 79.6 79.6 79.6 | 86.0 | 88.1 | 91.4 | 93.3 | | 96.5 | 98.0 | 98.4 | 98.8 | 98.8 | 99.2 | |
| ≥ 100 ≥ 0 | 36.9 | 67.2 | 75.7 | 79.6 79.6 | 86.0 86.0 | 88.1 | 91.4 91.4 91.4 | 93.3 | 94.6 94.6 94.6 | | 98.1 | 98.5 98.5 98.5 | 98.9 98.9 | 98.9 | 99.5 | 99.7 99.7 |

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOL

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_1<u>500=1700</u>

| CEILING | | | | | | | VIS | IBILITY (ST | ATUTE MIL | .ES1 | | | | | | |
|---------------------|------------------|---------------|--------------|--------------|--------------|--------------|--------------|-------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2⅓ | ≥2 | ≥1½ | ≥1% | ≥1 | ≥ ¼ | ≥,• | ≥ '? | ≥5 16 | ≥ . | ≥0 |
| NO CEILING | 22.2 | 29.7 | 30.2 | 30.4 | 30.0 | 31.0 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | | 31 | 31 |
| 2 18COC | 25.3 | 34.7 | 35.1 35.4 | 35.3 35.6 | | 35.8 | | 36.1 | 36.1 | 36 · | 36.1 | 35.1 36.1 | 35.4 36. | 36. | 35. 36. | 35 36 |
| ≥ 1400k ≥ 120km | 25. l 26. s | 35.4 | 36.3 | 36.6 | 37. | 37.3 38.4 | 37.6 | | 37.6 | | | 37.6 | _36. 37.0 | 37.0 | 37.6 | |
| \$ ^(+), \$ 0000 | 27.1 28.1 | 38.8 3'4.1 | 39,8 | 40.0 | 40.5 | 40.8 | 41.4 | 41.1 | 41.1 | 41.1 | 41. | 41.1 | 41. | 41. | 41. | - 38 - 41 |
| _ °XV, ≤ | ر. وائے 10 ما | 41.1 | 42.2 | 42.6 | 43. | 43.3 | 43.7 | 43.7 | 43.8 | 43.8 | 43.0 | 43.8 | 43.4 | 43.8 | 43.8 | 43 |
| ≥ 6000 ≥ 5000 | 30.5 31.5 | 44.6 | 45.1 | 45.1 | 46.5 | 46.7 | 47.0 | 47.0 | 47.1 -48.7 | 47.1 48.7 | 47.1 48.7 | 47.1 | 47. | 47.1 | 47. | -45 |
| ≥ 4500 ≥ 4000 | 32.0 33.2 | 46.2 | 47.4 | 48.5 50.1 | 49.4 | 49.6 | | 50.0 | 50 · J | 50.1 | 50 · I | 50 · 1 | 50 · 1 | 50 · 1 | 50.1 | 48 50 |
| ≥ 3500 ≥ 3000 | 34.3 | 48.9 | 50.5 | 51.4 56.9 | 52.7 50.7 | 52.9 | 53.4 59.0 | 53.4 | 53. | 53.5 59.4 | 53.7 | 53.7 59.5 | 52.4 53.6 | 52.4 53.8 | 52.4 | 52 53 |
| ≥ 2500 ≥ 2000 | 38.8 | 57.6 | 59.6 | 60.9 68.1 | 62.2 | 62.5 | 63.2 | 63.3 | 63.4 | 63.7 | 63.8 | 63.8 | 64.4 | 59.8 | 59.4 | -59 64 |
| ≥ 1800 ≥ 1500 | 41.7 | 65.5 68.8 | 68.5 | 70.0 75.8 | 72.3 | 72.8 78.9 | 73.9 | 74.1 | 74.3 | 74.8 | 75.1 | 75 · 1 | 75.5 | 74.3 | 75.7 | -74 75 |
| ≥ 1200 ≥ 1000 | 42.2 | 70.4 70.5 | 75.4 75.6 | 78.1 79.0 | 81.5 | 82.3 | 83.9 | 84.4 | 84.6 86.8 | | 85.0 | 85.6 88.7 | 86 J | 86.3 | 86.7 | - 82 86 |
| ≥ 900 ≥ 800 | 42.2 | 70.5 70.8 | 75.8 76.3 | 79.8 80.6 | 84.3 85.4 | 85.4 | 87.6 | 88.3 | 88.7 | 90.0 | 90.5 | 90.6 | 91.3 | 91.5 | 91.6 93.5 | - 89 91 |
| ≥ 700 ≥ 600 | 42.2 | 71.0 71.0 | 76.6 76.7 | 81.4 | 86.5 86.8 | 87.8 | 90.4 | 91.3 | 91.8 | | 94.4 | 94.5 | 95.4 | 95.4 96.8 | 95.5 | -93 95 |
| ≥ 500 ≥ 400 | 42.2 | 71.0 71.0 | 76.7 76.7 | 81.6 81.6 | 86.9 | 88.3 88.4 | 91.2 | 92.2 | 92.7 | 94.5 | 96.0 | 96.5 | 97.5 | 97.7 98.1 | 98.1 98.7 | -97 98 |
| ≥ 300 ≥ 200 | 42.2 42.2 | 71.0 71.0 | 76.7 76.7 | 81.6 81.6 | 87.0 87.0 | 88.4 88.4 | 91.6 | 92.7 | 93.2 93.2 | 95.2 95.2 | 96.7 | 97.2 | 98.5 | 98.7 | 99.2 | -98 99 -98 |
| ≥ 100 ≥ 0 | 42.2 | 71.0 | 76.7 | 81.6 | 87.0 | 88.4 | 91.6 | 92.7 | 93.2 | 95.2 | 96.7 | 97.3 | 98.7 | 98.9 | 99.5 | 99. |

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC 100 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13812

RICKENBACKER AFB UH

58-70,73-79

_____NAN___

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

| CEILING | | | | | | | VIÇ | BILITY (ST | ATUTE MILE | ES) | | | | | | |
|----------------------------|----------------------|--------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|------------------|
| 1561 | ≥10 | ≥6 | ≥5 | ≥ 4 | ≥3 | ≥2% | ≥ 2 | ≥1½ | ≥1% | ≥1 | ≥ 1, | >,• | ≥ ′7 | ≥ 5/16 | ≥. | ≥0 |
| NO CEILING ≥ 20000 | 25.1 27.0 | 34.8 37.9 | 35.8 39.2 | 36.2 39.5 | 36.8 | 36.8 40.2 | 30.9 40.3 | 36.9 40.3 | 36.9 40.3 | 36.9 | 37.0 40.4 | 37.0 40.4 | 37.0 | 37.0 40.4 | 37.0 40.4 | 37.0 40.4 |
| ≥ 18000 ≥ 16000 | 27.0 27.1 | 38•0 48•1 | 39.3 39.4 | 39.6 39.7 | 40.4 | 40.3 | 40.4 | 40.4 | 40.4 | 40.4 | 40.5 | 40.5 | 40.5 | 40.5 40.6 | 40.5 | 40.5 |
| ≥ 14000 ≥ 12000 | 27.3 | 38.4 40.8 | 39.7 42.1 | 40.0 42.4 | 43.2 | 40.7 | 40.8 43.3 | 40.8 43.3 | 40.8 | 40.8 | 40.9 43.4 | 40.9 | 40.4 | 40.9 | 40.9 | 40.9 |
| ≥ 10000 ≥ 9000 | 30.4 | 43.5 | 44.9 | 44.9 | 45.6 46.0 | 45.6 | 45.7 | 45.7 46.1 | 45.7 | 45.7 | 45.4 46.2 | 45.9 | 45.9 46.2 | 45.9 46.2 | 45.9 46.2 | 45.9 46.2 |
| ≥ 8000 ≥ 7000 | 31.9 32.5 33.2 | 45.7 | 46.7 | 47.1 | 47.9 | 47.9 | 48.0 | 48.0 49.8 | 48.0 49.8 | 48.0 49.8 | 48.1 49.9 | 48.1 | 48.1 49.9 | 48 • 1 49 • 9 | -7/0/ | 48 • 1 49 • 9 |
| ≥ 6000 ≥ 5000 ≥ 4500 | 34.2 | 49.7 | 51.1 53.4 | 50.1 51.4 54.1 | 51.2 53.1 | 51.7 53.1 | 51.5 53.4 | 51.5 53.4 | 51.5 53.4 | 51.5 53.4 | 51.6 53.5 | 51.6 53.5 | 51.6 53.5 | _53.5 | 51.6 53.5 | 53.5 |
| ≥ 4000 ≥ 3500 | 35.5 | 52.6 | 54.6 | 55.3 56.7 | 55.3 56.5 57.9 | 55.3 56.5 57.9 | 55.7 56.8 58.2 | 55.7 56.8 58.2 | 55.7 56.8 | 55.7 56.8 | 55.6 56.9 | 55.8 56.9 | 55.8 56.9 | 55.8 56.9 | 55.8 | 55.8 |
| ≥ 3000 | 38.1 | 56.5 | | 59.5 | 61.0 | 61.1 | 61.6 | 61.6 | 58.3 61.7 68.5 | 58.3 61.7 68.5 | 58.4 61.8 68.8 | 58.4 61.5 68.6 | 58.4 61.8 68.8 | 58.4 61.8 68.8 | 58.4 61.8 | 58.4 |
| ≥ 2000 | 43.9 | 68.4 | 71.4 | 72.9 | 75.9 | 75.9 76.4 | 77.4 78.0 | 78.7 | 78.1 78.8 | 78.1 78.8 | 78.5 | 78.5 | 78.5 79.1 | 78.5 79.1 | 68.8 78.5 79.1 | 78.5 79.1 |
| ≥ 1500 | 44.3 | 70.9 | 74.9 | 76.9 78.5 | 80.4 | | 85.6 | 83.9 | 84.0 | 84.0 | 84.3 | 84.7 | 84.3 87.2 | 87.2 | 84.3 87.2 | 84.3 |
| ≥ 1000 | 44.3 | 71.7 | 76.2 | 79.7 | 84.0 | 84.9 | 87.4 | 88.2 | 88.4 90.1 | 88.8 | | 89.3 | 89.3 91.2 | 89.3 | 89.3 91.2 | 91.2 |
| ≥ 800 | 44.8 | 77.3 | 77.4 | 80.9 | 85.9 | 87.0 | 89.7 91.6 | 90.6 | 90.9 | 91.3 | 91.6 | 91.8 | 92.0 | 92.0 | 92.0 94.5 | 92.0 |
| ≥ 600 | 44.8 | 73.3 | 78.6 | 82.2 | 87.8 | 89.0 | 92.2 | 93.4 | 94.2 | 94.8 | 95.4 | 95.7 | 96.8 | 96.9 | 96.2 97.0 | 97.0 |
| ≥ 400 | 44.8 | 73.3 | 78.6 | 82.2 | 87.8 87.8 | 89.0 | 92.8 | 94.4 | 94.8 | 95.8 | 96.7 97.1 | 97.0 97.4 | 97.6 98.1 | 97.8 98.3 | 98.5 | 98.5 |
| 2 200 2 100 2 0 | 44.8 | 73.3 | | 82.2 | 87.8 | 89.0 | 92.8 | 94.4 | 95.0 95.0 | 96.2 | 97.4 | 97.8 97.8 | 98.7 98.7 | 99.1 | 99.4 99.4 | 99.7 |
| | 44.8 | 73.3 | 78.6 | 82.2 | 87.8 | 89.0 | 92.8 | 94.4 | 95.0 | 96.2 | 97.4 | 97.8 | 98.7 | 99.1 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

92

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSO

€.

CEILING VERSUS VISIBILITY

13812 RICKENRACKER AFB UH

48-70-73-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_2<u>100-</u>2300

| CEILING | | | | | | | VIS | 181LITY (ST | ATUTE MILE | S 1 | | | | | | |
|----------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------|----------------------|----------------------|----------------------|--------------|----------------------|----------------------|----------------------|--------------|----------------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2'ז | ≥2 | ≥1% | ≥1% | ≥1 | ≥ '₄ | ≥,• | ≥ י׳ | ≥5 16 | ≥′. | ≥0 |
| NO CEILING ≥ 20000 | 25.6 27. | 36.1 38.2 | 36.2 38.3 | 36.7 38. | 30.6 | 36.6 | 36.6 38.6 | 36.9 39.1 | 36.9 39. | 37.0 39.2 | 37.0 | 37. | 37.0 | 37.0 | 37. | 37•3 39•6 |
| ≥ 18000 ≥ 16000 | 27.5 | 38.7 38.6 | 38.3 38. | 38.5 | 38. | 38.8 | 38.8 | 39.1 | 39. | 39.2 | 39. | 39.7 | 39. 39. | 39. | 39.4 39. | 39.6 |
| ≥ 12000 | 28.3 | 39.4 | 39.5 40.0 | 39.1 40.9 | 40.0 | 40.0 | 40.0 | 40.3 | 40.3 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40. | 40• |
| ≥ 10000 | 30 · 1 | 42.6 | 43.3 | 43.1 | 43.4 | 43.4 | 43.4 | 43.8 | 43.8 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 44.0 | 44.7 |
| ≥ 8000 ≥ 7000 ≥ 6000 | 32.5 33.2 | 47.4 | | 47.1 48.3 | 47. | 47.8 | 47.6 | 48.2 | 48.7 | 48.3 | 48. | 48. | 48.3 | 48.3 | 48.4 | 48.¢ |
| ≥ 5000 ≥ 4500 | 34.0 35.1 36.9 | 48.4 50.4 53.7 | 48.6 50.5 54.6 | 49.2 51.4 54.5 | 50 · j 52 · i | 50.1 52.3 55.5 | 50.3 52.5 | 50.6 52.5 | 50.6 52.8 56.0 | 50.9 53.0 | 50 • 53 • 6 | 50.9 53.0 56.2 | 50.9 53.0 56.2 | 50.9 53.0 56.2 | 51.0 53.1 | 51.3 53.3 56.0 |
| ≥ 4000 ≥ 3500 | 37.7 | 54.6 57.1 | | 55.7 | 56.1 59.5 | 56.8 59.5 | 57.0 59.8 | 56.0 57.3 60.1 | 57.3 60.1 | 57.5 60.3 | 57. | 57.5 60.3 | 57. 60. | 57. 60.3 | 57.6 60.4 | 57.4 |
| ≥ 3000 | 40.9 | | 60.9 | 61.5 | 62.9 | 62.9 68.4 | | 69.8 | 63.9 | 64.1 | 64. | 64-1 | 64. 70.(| 64-1 | 64. | 64.5 |
| ≥ 2000 | 45.8 | 70.9 | 72.3 | 73.9 | 76.9 | 76.6 | | 78 - 7 | 78.1 78.7 | 78.5 79.1 | 78. | 78.9 79.1 | 78. 79. | 78. 79. | 78.7 79.4 | 78.9 79.6 |
| ≥ 1500 | 46.8 | 73.8 74.8 | 75.6 | 79.6 | | 81.4 | 85.2 | 83.1 | 83.1 85.8 | 86.2 | 83.7 86.3 | 86.5 | 80.0 | 86.6 | 86.8 | 87.0 |
| ≥ 1000 ≥ 900 ≥ 800 | 47.0 | 76.5 | 78.9 | 82.0 | 85.0 | | 88.6 | | 87.6 89.4 | 88.1 | . ~ | 90.0 | 90. | 90-1 | 90.2 | 90•5 |
| ≥ 800 ≥ 700 ≥ 600 | 47.3 | 76.9 | 79.9 | 83.0 | | 88.1 | 90.4 | 91.1 | - 4.44 | 91.7 | 91.8 | 92.8 | 92.9 | | , | 92.5 |
| ≥ 500 ≥ 400 | 47.3 | 77.2 | 80.1 | 83.3 | 87.7 | 89.0 | 92.4 | 92.7 | 92.8 | 94.3 | 94.4 | 94.5 | 94.5 | | | 95.4 |
| ≥ 300 ≥ 260 | 47.3 47.3 47.3 | 77.2 | 80.1 | 83.3 83.3 | 87.7 87.7 87.7 | 89.1 89.1 | 92.9 | 94.5 | 94.7 94.7 | 95.1 95.5 95.9 | 95.6 | 95.3 95.7 | 96. | 4 | 96.2 96.7 | 96+4 |
| ≥ 100 ≥ 0 | 47.3 | 77.2 | 80.1 | 83.3 83.3 | | 89.1 89.1 | 92.9 | 94.8 | | 96.1 | 96.3 | 96.5 | 97.6 | 7 | 98.7 | 98.4 99.4 |

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0

C

C

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

___ALL__

| CEILING | | | | | | | VIS | BILITY (ST) | ATUTE MILI | ES) | | | | | | |
|-----------------------|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|------|--------------|--------------|------|---------------|
| 1661 | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2'7 | ≥ 2 | ≥1% | ≥1% | ≥1 | ≥ ⅓, | ≥'a | ≥: | ≥5 16 | ≥ . | ≥0 |
| NO CEILING ≥ 20000 | 21.6 | 30.6 | 31.2 33.7 | 31.6 | 32.0 | 32.1 34.6 | 32.4 | 32.6 | 32.6 35.1 | 32.7 | 32.7 | 32.8 | 32.4 35.4 | | | 33.3 |
| ≥ 18000 ≥ 16000 | 23.1 23.2 | 33.4 | 33.4 | 34.2 | 34.7 | 34.8 35.0 | 35.1 35.4 | 35.3 | 35.3 35.6 | 35.4 | 35.4 | 35.5 | 35.6 | 35.6 | 35.6 | |
| ≥ 14000 ≥ 12000 | 23.5 | 33.9 | 34.6 35.7 | 35.0 36.1 | 35.6 | 35.7 36.8 | 30.0 | 36.2 | 36.2 | 36.3 | 36.3 | 36.4 | 30.5 | 36.5 37.6 | 36.6 | |
| ≥ 10000 ≥ 9000 | 25.2 25.6 | 36.9 | 37.8 38.3 | 38.7 38.4 | 38.9 | 39.0 | 39.3 | 39.5 | 39.5 | 39.6 | 39.0 | 39.7 | 39.4 | 39.8 | 39.9 | |
| ≥ 81 .0 ≥ 7000 | 26.7 27.6 | 39.6 | 40.6 | 41.2 | 41.9 | 42.1 | 42.4 | 42.6 44.1 | 42.6 | 42.7 | 42.8 | 42.8 | 42.9 | 42.9 | | 43.4 |
| ≥ 6000 ≥ 5000 | 28.4 | 42.2 | 43.4 | 44.1 | 44.9 | 45.1 47.0 | 45.5 | 45.7 | 45.7 | 45.9 | 45.9 | 45.9 | 46.0 | 46 • C | | 46.5 |
| ≥ 4500 ≥ 4000 | 30.3 | 45.8 | 47.2 | 48.1 49.3 | 49.1 50.5 | 49.3 50.7 | 49.8 51.3 | 49.9 | 50.0 51.6 | 50.1 | 50.2 | 50.2 | 50.3 | 50.3 | 50.4 | 50 · 6 |
| ≥ 3500 ≥ 3000 | 31.8 33.4 | 48.5 | 50.1 53.2 | 51.1 54.3 | 52.3 | 52.5 56.0 | 53.1 56.6 | 53.4 | 53.5 57.1 | 53.7 | 53.8 | 53.8 | 53.9 | 53.9 | 54.0 | |
| ≥ 2500 ≥ 2000 | 35.1 37.6 | 55.2 | 57.2 64.7 | 58.6 66.5 | 60.2 | 60.6 | 61.5 | 61.9 | 62.1 | 62.3 | 62.5 | | 62.7 | 62.7 | 62.8 | |
| ≥ 1800 ≥ 1500 | 37.9 39.0 | 62.9 | 65.8 | 67.7 72.2 | 70 · 1 75 · 3 | 70.7 | 72.0 | 72.6 | 72.8 | 73.3 | 73.5 | 73.5 | 73.7 | 73.8 | 1 | 74•3 80•3 |
| ≥ 1200 ≥ 1000 | 39.3 39.5 | 69.0 | 72.5 | 75.2 76.5 | 78.8 | 79.7 81.5 | 81.6 | 82.6 | 82.9 | 83.6 | 93.8 86.3 | 83.9 | 84.2 | 84.2 | 84.4 | 84.7 |
| ≥ 900 ≥ 800 | 39.6 39.7 | 69.6 70.0 | 74.2 75.0 | 77.6 78.4 | 81.9 83.0 | 82.9 | 85.2 | 86.3 87.9 | 86.8 88.5 | 87.8 89.6 | 88.2 90.1 | 88.4 | 88.7 | 88.7 | 88.8 | 89•2 91•2 |
| 00' ≤ 003 ≤ | 39.8 39.8 | 70.5 70.5 | 75.4 75.6 | 79.2 | 84.0 84.5 | 85.4 | 88.1 | 89.5 | 90.1 | 91.2 | 91.9 | 92.1 | 92.4 | 92.5 94.1 | | 93.0 |
| ≥ 500 ≥ 400 | 39.8 39.8 | 70.6 70.6 | 75.7 75.7 | 79.6 79.6 | 84.9 85.0 | 86.4 | 90.1 | 91.2 92.1 | 91.8 | 93.4 | 94.4 | 94.7 | 95.3 | 95.4 | 95.7 | 96.1 |
| ≥ 300 < 200 | 39.8 39.8 | 70.6 70.6 | 75.7 75.7 | 79.6 79.6 | 85.0 85.0 | 86.7 86.7 | 90.2 | 92.2 92.3 | 93.0 93.1 | 94.8 | 96.0 | | 97.2 | 97.8 | 97.7 | 98 · 1 |
| ≥ 100 ≥ 0 | 39.8 39.8 | 70.6 70.6 | | 79.6 79.6 | 85.0 85.0 | | 90.2 90.2 | 92.3 92.3 | 93.1 93.1 | 95.0 95.0 | 96.4 96.4 | 96.8 | 97.7 97.7 | 98.0 98.0 | 98.7 | 99•5 100•0 |

TOTAL NUMBER OF OBSERVATIONS

743

USAF ETAC 17.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C

CEILING VERSUS VISIBILITY

13812 RICKENPACKER AFB UH

£8-70.73-79

-offb

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0000-0200

| CEILING | | | | | | | VIS | IBILITY IST | IIM STUTA | ESI | | | | | | |
|-----------------------|--------------|--------------|------------|--------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|--------------|--------------|------------------|--------------|--------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2'n | ≥ ? | ≥1% | ≥1% | <u></u> | ≥ ¼ | ≥'• | ≥ '3 | ≥5 16 | ≥ . | ≥0 |
| NO CEILING ≥ 20000 | 32.5 35.1 | 43•3 46• | 43.5 | 44. | 44.5 | 44.5 | 44. | 440: | 44. | 44. | 44.5 | 44. | 44. | 44. | 44. | 44.5 |
| ≥ 18000 ≥ 16000 | 35.4 35.4 | 47. | 47. | 48 | 48 48 | 48.3 | 48. | 48. | 48. | 48 .: 48 .: | 48. | 48. | 48. | 48 | 48. | 48.3 |
| ≥ 14000 ≥ 12000 | 36.0 36. | 47. | | 48,9 | 48.9 | 48.9 | 48.9 49.5 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48. | 48.9 |
| ≥ 10000 ≥ 9000 | 38.3 | 50.3 | 51.4 | 52.1 | 51.0 | 51.6 52.6 | 51.6 52.0 | 51.6 | 51.6 52.6 | 51.6 | 51.4 52.0 | 51.0 | 51.6 | 51.0 52.0 | 51.6 | 51.6 52.0 |
| ≥ 8000 ≥ 7000 | 39.9 | 52.3 53.5 | 53.1 54 | 53.1 54.5 | 53. | 53.° | 53.7 54.5 | 53. | 53. | 53.7 54.9 | 53. 54.5 | 53. | 53. | 53. | 53. | 53.7 |
| ≥ 6000 ≥ 5000 | 41.4 43.1 | 54.4 57.5 | | 55.4 58.6 | 55.9 58.6 | 55.9 58.6 | 55.9 53.6 | 55.9 58.6 | 55.9 58.6 | 55.9 58.6 | 55.4 58.6 | 55. | 55.9 | 55.9 50.4 | 55.9 58.6 | 55.9 58.0 |
| ≥ 4500 ≥ 4000 | 44.5 45.6 | 59.7 | 60 • l | 63.4 | 63. | 63.8 | 60 • 63 • 8 | 60.7 | 60.7 | 60.7 | 60.7 | 60. | 60.7 | 60. | 60. | 63. |
| ≥ 3500 ≥ 3000 | 47.2 50.2 | 63.9 68.8 | 70 | 71.0 | 72. | 72.2 | 66.4 | 66.4 | 66.4 72.3 | 72.3 | 66.4 | 66.4 | 72.3 | 72.3 | 72.7 | 66.4 72.3 |
| ≥ 2560 ≥ 2000 | 53.3 54.6 | 74.2 | 81.9 | 83.1 | 78.6 84.4 | 78 • 6 84 • 4 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.0 | 78.0 | 78.6 84.6 | 78.6 | 78.0 |
| ≥ 1800 ≥ 1500 | 55.0 56.8 | 79.4 82.8 | | 87.6 | 85 · 1 | 85.2 89.1 | 85.3 | 85.4 | 85.4 | 85.4 89.6 | 85.4 89.6 | 85.4 89.6 | 85.4 89.4 | 85.4 | 85.4 | 85.4 |
| ≥ 1200 ≥ 1000 | 57.0 57.3 | 85.7 | | 90.7 91.2 | 92.5 | 92.7 | 93.1 | 93.5 | 93.5 | 93.5 | 93.5 | 93. | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 900 ≥ 800 | 57.4 57.4 | 86.3 | | | 93.8 | 94.0 | 95.1 | 95.1 95.5 | 95.1 95.5 | 95.2 95.6 | 95.2 95.6 | 95.6 | 95.3 | 95 • 2 95 • 6 | 95. | 95•3 95•6 |
| ≥ 700 ≥ 600 | 57.4 57.4 | 86.6 | 90.8 | | 94.7 | 94.9 95.5 | 95.7 | 96 • 1 96 • 7 | 96.1 96.7 | 96.2 | 96.9 | 96.5 | 96.9 | 96.9 | 96.2 | 96.2 |
| ≥ 500 ≥ 406 | 57.4 57.4 | 87.0 87.0 | 70.6 | 92.7 | 95.5 | | 20.0 | 97.5 | 97.2 97.5 | 98.1 | 98.4 | 97.8 | 98.3 | 98.3 | 97.8 | 97•8 |
| ≥ 300 ≥ 700 | 57.4 57.4 | 87.0 | 90.8 | 92.7 | 95.5 95.5 | 96.1 | 27.0 | 97.6 | 97.5 | 98.3 | 98.4 | 98.6 | 98.5 | | 99.1 | 99.4 |
| ≥ 100 ≥ 0 | 57.4 57.4 | 87.0 | , . • • • | 92.7 92.7 | 95.5 95.5 | 96.1 96.1 | 97.0 | | 97.6 | 98 • 3 98 • 3 | 98.7 98.7 | 98.8 | 99.1 | 99.2 | 99. | 99.8 |

TOTAL NUMBER OF OBSERVATIONS

84

USAF ETAC 12.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13812

RICKENBACKER AFB UH

68-70,73-79

FEH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

| CFILING | | | | | | | VIŞI | IBILITY (STA | ITUTE MILI | ES | | | | | | |
|-----------------------|--------------|----------------------|--------------|--------------|--------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------------|--------------|----------------------|----------------------|
| 1661 | ≥10 | ≥6 | ≥5 | ≥ 4 | ≥3 | ≥2⅓ | ≥ 2 | 21% | ≥1¼ | ≥1 | ≥ 14 | ≥'• | ≥ % | ≥ 5 16 | ≥ . | ≥0 |
| NO CEILING ≥ 20000 | 31.0 | 41.4 | 42.3 | 43.7 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 |
| ≥ 18000 ≥ 16000 | 32.6 32.7 | 44.2 | 45.0 45.2 | 46.5 | 46.8 46.9 | 46.9 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.9 | 46.9 | 46.9 |
| ≥ 14000 ≥ 12000 | 33.5 33.8 | 44.9 | 45.4 | 47.6 | | 47.6 | 47.6 | | 47.6 48.0 | 48.0 | 47.6 | 47.6 | 47.6 | 48.0 | 47.6 | |
| ≥ 10000 ≥ 9000 | 36.4 36.8 | 48.1 | 49.4 | 50.4 51.3 | 51.7 | 51.7 51.7 | 51.2 51.7 | 51.7 | 51.7 51.7 | 51.2 51.7 | 51.2 51.1 | 51.7 51.7 | 51.2 51.7 | 51.2 51.7 | 51.2 51.2 | 51.7 |
| ≥ 8000 ≥ 7000 | 37.2 38.3 | 50.5 | 50.5 51.6 | 51.9 | 52.4 53.7 | 52.4 | 52.4 53.7 | 52.4 | 52.4 53.7 | 52.4 53.7 | 52.4 53.7 | 52.4 53.7 | 52.4 53.7 | 52.4 53.7 | 52.4 53.7 | 52.4 53.7 |
| ≥ 6000 ≥ 5000 | 39.7 41.5 | 52.2 54.6 57.0 | | 57.4 | 58.0 | 55.6 58.0 | 55.7 58.2 | 55.7 58.2 | 55.7 58.2 | 55.7 58.2 | 55.7 58.2 | 55.7 58.7 | 55.7 58.2 | 55.7 58.2 | 55.7 58.2 | 55.7 |
| 2 4500 ≥ 4000 | 44.6 | 59.5 | 58.5 61.3 | 63.2 | 63.9 | 60.8 | 60.9 | 64.7 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| ≥ 3500 ≥ 3000 | 48.6 | 67.5 | 69.4 | 71.5 75.8 | 72.6 | 72.6 | 67.6 7:.8 | 67.7 72.9 | 67.7 73.0 | 67.7 73.0 | 67.7 73.0 | 67.7 73.0 | 67.7 73.0 | 67.7 73.0 | 67.7 73.0 | 73.0 |
| ≥ 2000 | 51.4 | 74.3 | 76.7 77.4 | 79.2 | | 77.2 80.9 | 77.4 81.2 | 77.5 81.3 | 77.7 81.6 | 77.7 81.6 | 77.7 81.6 | 77.7 81.6 | 77.7 | 77.7 81.6 | 77.7 81.6 | 77.7 81.6 |
| ≥ 1500 ≥ 1200 | 53.1 | 78.6 | 81.1 | 83.6 | 1.5 | 85.9 87.5 | 82.5 86.3 90.5 | 82.6 86.4 90.7 | 82.9 86.6 90.9 | 82.9 86.6 90.9 | 82.9 86.6 | 82.9 | 82.9 | 82.9 86.6 | 82.9 86.6 | 82.9 |
| 2 1000 | 54.1 54.1 | 82.9 | 84.9 | 88.1 | 90.7 | 90.9 | 92.4 | | 92.9 94.3 | 92.9 | 90.9 | 90.9 | 90.9 | 92.9 | 90.9 | 90.9 |
| 2 800 | 54.1 | 83.6 83.7 | | 90.1 | 92.7 | 93.7 | 94.8 | | 95.4 | 95.4 | 95.4 | 94.3 95.4 96.1 | 94.3 95.4 | | 94.3 _95.4 | 94.3 |
| ≥ 600 | 54.1 | 84.5 | 87.6 | 91.1 | 93.7 | 94.6 | 96.2 | 96.8 | 97.0 | 96.1 97.0 97.3 | 96.1 97.0 97.3 | 97.0 97.3 | 96 • 1 97 • 0 97 • 3 | 97.0 | 96.1 97.0 97.3 | 96.1 |
| ± 400 ± 300 | 54.1 54.1 | 84.5 | 87.6 | 91.1 | 93.7 | 94.6 | 90.2 | 97.2 | 97.5 97.6 | 97.5 | 97.5 | 97.5 | 97.5 97.9 | 97.5 | 97.5 98.1 | 97.5 97.5 98.1 |
| ≥ 100 | 54.1 | 84.5 | 87.6 | 91.1 | 93.7 | 94.6 | | 97.4 | 97.9 | 98.2 | 98.6 | 98.6 | 98.8 98.9 | 98.8 | 99.1 | 99.5 |
| ≥ 0 | 54.1 | 84.5 | 87.6 | | 93.7 | 94.6 | | | 97.9 | | 98.0 | 98.6 | 98.9 | 98.9 | | 100-0 |

TOTAL NUMBER OF OBSERVATIONS

846

USAF ETAC 10.04 0-14-5 (OL A) MENOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

1381,

C

RICKENRACKER AFB UH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

−088020800

| CEILING | | | | | | | VIS | BILITY ISTA | TUTE MIL | ES) | _ | | _ | | | |
|-----------------------|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|---------------|------------------|---------------|--------------------|--------------|--------------|---------------|------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥217 | ≥ 2 | מוב | ≥1% | ≥1 | ≥ ١, | ≥,• | ≥ '> | ≥5 16 | ≥ . | ≥0 |
| NO CEILING ≥ 20000 | 22.7 | 32 · (| 32. | 34.0 | 35.° | 35. 38. | 37. 40.0 | 37.4 | 37.4 40. | 37. 40. | 37. | 37. | 37. 40. | 37. 40. | 37. 40. | 37. |
| ≥ 18009 ≥ 16000 | 24.1 | 34. | 35. 35. | 36.6 36.8 | 38,4 | 38. 38. | 40.0 | 40.2 | 40.2 | 40. | 40.2 | 40. | 40. | 40. | 40. | 40. |
| ≥ 14000 ≥ 12000 | 24.3 | 34.9 | 35.1 36. | 37.0 | 38.8 | 38.8 39.1 | 40. | 40.9 | 40.5 | 40 • | 40.9 | 40. | 40. | 40. | 40. | 40. |
| ≥ 10000 ≥ 900G | 26.7 27.7 | 38.4 | 39.6 | 41.0 | 42.4 | 42.8 | 44.4 | 44.7 | 44. | 44.7 | 44.7 | 44.1 | 44. | 44.8 | 44. | 44. |
| ≥ 8000 ≥ 7000 | 28.6 29. | 40.7 | 41.5 | 43.3 | 45.0 | 45.0 | 46.7 | 46.9 | 46.9 | 46.9 | 46.9 | 46.° | 47.0 | 47.0 | 47.0 | |
| ≥ 6000 ≥ 5000 | 31.2 31.8 | 45.9 | | 47.8 | 49.5 | 49.5 | 51.4 52.4 | 51.4 | 51.4 52.4 | 51.4 52.6 | 51.4 52.0 | 51.4 52.5 | 51.5 52.0 | 51.5 53.0 | 51.5 | 51.5 |
| ≥ 4500 ≥ 4000 | 33.9 35.7 | 51.1 | 50.1 52.5 | 52.0 54.5 | 54.4 56.9 | 54.4 | 56.0 58.5 | 56.3 58.9 | 56.3 58.9 | 56.4 59.3 | 56.4 | 56.4 59.1 | 56 · 59 · | 56.5 59.5 | 56. | 56• |
| ≥ 3500 ≥ 3000 | 38.1 40.5 | 55.1 59.3 | 56.6 61.2 | 58.7 63. | 61.1 | 61.2 | 62.9 68.1 | 63.2 | 63.4 | 69.1 | 63.4 | 63.8 | 63.9 | 63.9 | 63.9 | 69.2 |
| ≥ 2500 ≥ 2000 | 42.4 | 62.4 | 64,3 68.8 | 67.3 72.2 | 70 • 2 75 • 9 | 70.6 | 78.1 | 72.9 78.6 | 73.2 78.8 | 73.6 79.4 | 73.6 | 73.0 | 73.8 | 73.8 | 73.6 | 73.8 |
| ≥ 1800 ≥ 15-Xi | 44.3 | 67.5 | | 73.3 | × * * * | 77.3 82.2 | 79.2 84.0 | 79.7 | 79.9 84.9 | 80 • 5 85 • 5 | 80.5 85.5 | 80 • 5 - 85 • 5 | 80.6 | 95.8 | 80.6 | |
| ≥ 1200 ≥ 1000 | 46.9 | 75.7 | | 82.2 | 86 · 3 | 86.8 87.9 | 94.2 | 89.5 91.0 | 89.7 | 90.3 92.0 | 90.3 | 90.7 | 90.5 | 90.7 | 90.6 | 90•8 |
| ≥ 900 ≥ 800 | 47.4 | 77.1 | 79.6 80.5 | 85.0 | 88.4 | 88.9 90.0 | | 92.0 93.0 | 92•3 -93•4 | 93.0 94.1 | 93.0 _94.1 | 93.0 | 93.3 94. | 93.4 | 93.5 _94.6 | 93•5 |
| 2 700 2 600 | 47.5 | 77.8 | | 85.2 85.7 | 90.2 | 90.3 | 92.6 | 93.4 | 93.7 | 94.4 | 94.4 | 94.4 -95.4 | 94.6 | 94.9 | 96.4 | 96-1 |
| ≥ 500 ≥ 400 | 47.5 | 78.0 | 81.4 | | | 91.1 91.4 | 93 .5 | 7749 | 95.2 95.9 | | 96.9 | 96•0 -96•9 | 97.4 | 97.6 | 96.6 | 97.9 |
| 2 200 | 47.5 | 78.0 | 81.4 | 86.1 | 90.9 | 91.7 91.7 | 94.2 | 95.9 | 96.5 | | | 97•9 98•2 | 98.2 | 99.1 | 99.3 | 99.5 |
| ≥ 100 ≥ 0 | 47.5 | | | 86.1 86.1 | 90.9 | 91.7 91.7 | 94.3 | 95.9 | 96.6 | | | 98•2 -98•2 | 98.8 98.8 | 99.1 | 99.5 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS

84

USAF ETAC 10164 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSORE

CEILING VERSUS VISIBILITY

13812

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RICKENBACKER AFB OH

68-76,73-79

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0200-1100

| reiling | | | | | | | VIS | IBILITY IST. | ATUTE MILI | F5· | | | | | | |
|----------------------------|----------------------|------|--------------|----------------------|----------------------|----------------------|--------------|--------------|----------------------|----------------------|----------------------|--------------|----------------------|--------------|--------------|--------------|
| FEE1 | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2% | 22 | ≥1% | ≥1'. | ≥1 | ≥ '₄ | ≥,• | ≥ , | ≥5 16 | ≥. | ≥0 |
| NO CEILING ≥ 20000 | 23.9 25.4 | 36.2 | | 36.6 40.0 | 38.1 41.4 | 38.9 42.2 | 44.2 | 41.5 | 41.5 | 41.6 | 41.4 | 41.6 | 41.7 | 41.7 | 41.7 | 41.7 |
| ≥ 18000 ≥ 16000 | 26.0 | 37.4 | | 40.7 | 42.1 42.0 | 42.9 43.4 | 44.9 | 45.5 46.0 | 45.5 46.0 | 45.6 | 45.6 46.1 | 45.6 46.1 | 45.7 | 45.7 46.2 | 45.7 | 45.7 |
| ≥ 14000 ≥ 12000 | 26.6 | 38.3 | 40.9 | 41.6 | 43.9 | 43.9 | 45.9 | 46,5 | 46.5 | 46.6 | 46.6 | 46.6 | 40.7 | 46.7 47.5 | 46.7 | 46.7 |
| ≥ 10000 ≥ 9000 | 27.5 | 40.3 | 43.1 | 44.7 | 45.4 | 46.2 | 48.2 | 48.8 | 48.8 49.5 | 48.9 | | 48.9 | 49.1 49.1 | 49.3 49.8 | 49.1 | 49.1 |
| ≥ 8000 ≥ 7000 | 29.6 | | 44.3 | | 47.4 | 49.2 50.7 | 50.2 52.7 | 50.8 53.3 | 50.8 53.3 | 50.9 53.4 | 50.4 53.4 | 50.9 53.4 | 51.2 53.5 | 51.1 53.5 | 51.1 53.5 | 51.1 |
| ≥ 6000 ≥ 5000 | 29.8 31.0 | 45.7 | 48.1 49.5 | 49.9 51.3 | 51.5 53.3 | 52.4 54.1 | 50.3 | 55.0 57.0 | 55.0 57.0 | 55.1 57.2 | 55.1 57.3 | 55.1 57.3 | 55.2 57.4 | 57.4 | 55.2 57.4 | 57.4 |
| ≥ 4500 ≥ 4000 | 34.5 | 50.6 | | | 55.9 59.(| 56.7 60.0 | 59.0 67.3 | 59.7 63.0 | 59.7 63.1 | 59.9 63.5 | 60.0 63.6 | 63.6 | 63.7 | 63.7 | 60.2 | 63.7 |
| ≥ 3500 ≥ 3000 | 35.9 37.7 39.5 | 55.4 | | | 64.1 | 65.2 | 64.5 | 65.2 68.2 | 68.3 | 68.7 | 65.8 | 65.8 | 68.9 | 66.0 68.9 | 66.0 | 68.9 |
| ≥ 2500 | 40.8 | - | 63.0 66.7 | 65.2 69.5 70.3 | 67.8 72.1 72.9 | 69.0 73.3 74.1 | 71.7 | 72.7 | | 73.5 78.6 | | 78.7 | 73.8 78.8 | 78.8 | 73.8 78.8 | 78.8 |
| ≥ 1800 ≥ 1500 ≥ 1200 | 42.7 | 66.2 | 71.4 | 74.7 78.4 | 77.7 | 79.1 | 77.2 82.7 | 84.3 | 79.0 84.9 | | 79.6 85.6 | 85.6 | 85.7 | 79.7 85.7 | 79.7 85.7 | 79.7 85.7 |
| ≥ 1000 | 43.3 | 69.7 | 75.4 | 79.1 79.9 | 82.9 | 84.9 | 89.0 | 90.8 | 90.2 91.5 92.4 | 91.0 92.4 93.4 | 92.9 | 92.9 | 91.3 | 93.0 | | 93.0 |
| ≥ 800 | 43.3 | 70.3 | 76.2 | 80.1 | | 86.3 | 90.7 | | 93.3 | 94.2 | 94.0 94.8 95.2 | 94.9 | 94.2 | 95.0 | 95.0 | 95.0 |
| 2 700 2 600 2 500 | 43.3 | 70.3 | 76.2 | 80,3 | | 86.4 | | | 93.9 | 94.8 | | 95.6 | 95.4 95.9 97.3 | 95.9 | 96.0 | 96.0 |
| 2 150 | 43.3 | 70.3 | 76.2 | 80.3 | 84.3 | 86.5 | 71.3 | 9.9 | 94.6 | 96.9 | | 97.4 | | 98.1 | 98.6 | 28.8 |
| ≥ 700 ± 100 | 43.3 | 70.3 | 76.2 | 80.3 | 84.3 | 86.5 | 91.5 | 94.2 | 95.0 95.0 | | 97.9 | 98.1 | 98.3 | 98.9 | 99.6 | - 1 |
| 2 0 | 43.3 | 70.3 | 76.2 | 80.3 | 84.3 | 86.5 | | | 95.0 | | | | | | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

84

USAF ETAC No. 64 0-14-5 (OL A) MEVICUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

-1200-1400

| | ······································ | | | | | | VISI | BILITY (STA | TUTE MILE | <u> </u> | · | | | | | |
|--------------------|--|--------------|---------------|--------------|--------|--------------|------------------|-------------|---------------|----------|--------|--------------------------|------------|-------|-------|----------|
| CEILING 15ET | 2.16 | | ≥ 5 | ≥ 4 | 23 | ≥2'2 | ≥ 2 | 217 | ≥1¼ | | ≥ ′4 | ≥ `• | ≥', | ≥5 lu | 2. | ≥0 |
| | 210 | ه≤ | دء ا | < 4 | ٤,3 | = (7 | | -17 | =1" | | 2.4 | | - / | | | |
| 2 70000 | 28.4 | 36.8 | 38.3 | 38.4 | 39. | 40.0 | 40.4 | 40.2 | 40.2 | 40. | 40.4 | 40. | 40. | 40. | 40. | 40.4 |
| 2 18000 | 30.3 | 40.7 | 42.4 | 43.6 | 44. | 45.0 | 45. | 45.3 | 45.3 | 45.3 | 45. | 45 | 45.3 | 45 | 45.3 | 45.5 |
| ≈ 16000 | 30. | 41.5 | 43.4 | 44. | 45 | 45.0 | 45.4 | 45.9 | 45.4 | _45 | 45.0 | 45.5 | _45_6 | 45. | -6 | 45. |
| £ 14000 2 12000 | 31.2 | 42.7 | 44. | 45.3 | 46.5 | 46. | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46. | 46.9 | 46. | 40.4 | 46.9 |
| و ۱۹۲۸۵۱ | 32.4 | 44. | 46.5 | 47.4 | 48.4 | 49. | 49.4 | 49.4 | 49 | 49.4 | 49.4 | 49 | 49 | 49 | 49 | 49.4 |
| ≥ 2000 | 32.0 | 44 | 46.1 | 47.1 | 49.4 | 49.4 | 40.0 | 40.0 | 49.0 | 40.9 | 70.9 | <u> </u> | _40_0 | 40 | _40_9 | 49.4 |
| ≥ 8000 - ≥ 7000 | 34.0 | 46.2 | 48.6 | 49.8 | | 51. | 51.9 | 51.9 | 51.9 | 51.9 | 51.0 | 51. | 51.5 | 51.9 | 51.9 | 51.9 |
| | 34.4 | 46.5 | 49.4 | -50.4 | 52.4 | -52.4 | -5 4.6 | 52.5 | -52+5 | 52.5 | -52-5 | -52+ | 52. | -52. | -52-5 | -52-4 |
| ± 5000 | 34.9 | 47.4 | 50.4 | 51.2 | 52.1 | 53.1 | 53.2 | 53.5 | 53.5 -55.1 | 53.5 | 53.5 | 53. | 53. 55. | 53. | 53.5 | 53.7 |
| 4500 | 30.5 | 50.1 | -7104 53.0 | 54. | 56.0 | 56.3 | 56.6 | | | 56.9 | -55. J | -55.1 57.1 | 57. | 57.1 | -55.3 | 57.1 |
| _ 4000 | 38.1 | 51.9 | | 56.0 | 58.0 | 58.4 | 5, 9 | 59 | 59 | 59.1 | 59 | 59 | 50 | 50 | 59 | |
| ≥ 3500 | 39.7 | 54.4 | 57.7 | 58.9 | 61.0 | 61. | 61.6 | 62.1 | 62. | 62. | 62.2 | 62.3 | 62. | 62. | 62. | 62.3 |
| \$ 3000 | 41.4 | 56.7 | 60.4 | 61.1 | 64.1 | 64.4 | 64.5 | 45.1 | -65-1 | 65.1 | 65.2 | -65.4 | 65. | 65.4 | -65.4 | 65+4 |
| 2 2500 | 44.2 | 61.7 | 65.5 | 67.4 | 1 0000 | 70.3 | 70.8 | | 71.0 | 71.0 | , | 71.3 | 71. | 71.3 | 71.3 | 71.3 |
| | 47.0 | 67.3 | 72. | 74. | 77.3 | 70.1 | 7.3.4 | 79.8 | 79.8 | 79.5 | 80.4 | _80+1 | 80+ | 80+1 | 80-1 | -80+1 |
| 2 1800 2 1500 | 47.3 | 72.9 | 73.4 | 75.0 82.3 | 78.8 | 79.3 86.3 | 80 • 1 82 • 7 | 81.0 | 81.0 | 81.1 | 81.2 | 81.3 | 81. | 81.3 | 81.3 | 81.3 |
| = 1260 | 50.2 | 74.1 | 80.5 | 83. | 87.5 | 88.5 | 90.4 | 91.6 | 91.7 | 92.0 | | 92.2 | 92. | | 92.2 | 92.4 |
| 2 1500 | 50.4 | | | 84.2 | 87.9 | 89.2 | 91.3 | 92.4 | 92.7 | 92.9 | 93.1 | 93.1 | 93 | 93.1 | 93.1 | <u> </u> |
| ÷ 900 | 50.4 | 74.8 | 81.3 | 84.8 | 1 | 90.1 | 92.1 | 93.4 | 93.6 | 93.9 | 94.2 | 94.3 | 94. | 94. | 94. | 94.3 |
| ≥ 800 | 50.4 | 74.9 | 81.6 | 85. | 88.9 | 90. | 92.7 | 94.0 | 94.2 | 94.4 | 94.8 | 94.5 | 25.0 | 45.0 | 95.0 | -95-4 |
| 2 700 | 50.4 | 74.9 | | 85.5 | 89.4 | | | 94.7 | 94.9 | 95.4 | 95.9 | 96.0 | | 96.1 | 96.1 | 96•1 |
| | 50.5 | 75.1 75.1 | 81.0 | 85.7 | 90.4 | 91.7 92.1 | 93.9 | 770 | 96.0 | 96.5 | 97.4 | 97.2 | 97.1 | 97.1 | 97.8 | 97.4 |
| 500 | 50.5 | 1 | 81.9 | 85.9 | 90.4 | 92.1 | 94.2 | 96.2 | 96 • 5 | 97.8 | 98.2 | 98.3 | 98.4 | 98.8 | 98.8 | 98.8 |
| 2 300 | 50 | · | 81.9 | 85.9 | | | 94.4 | 26.6 | | | | 99.1 | 99.0 | T | | |
| 200 | 50.5 | | 81.9 | 85. | 1 | 92.1 | 94.4 | 26.6 | | 97.5 | | 97. | 99 | | 100-0 | 7 7 7 7 |
| 2 100 | 50.5 | 75.1 | 81.9 | 85.9 | 90.4 | 92.1 | 94.4 | 96.6 | | 97.5 | 99.2 | 99.3 | 99.0 | | 100.0 | |
| 0 | 50.5 | 75.1 | 81.9 | 85.4 | 90.4 | 92.1 | 24.4 | 96.6 | 96.8 | 97.9 | 1_99.2 | 99.3 | 29.5 | 99.9 | 100-0 | 1100-0 |

(FROM HOURLY OBSERVATIONS)

TOTAL NUMBER OF OBSERVATIONS

84

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSCRET

CEILING VERSUS VISIBILITY

1381;

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RICKENBACKER AFB UIT

68-70,73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

| CERING | | | | | | | VISI | BILITY (STA | ATUTE MILI | ES) | | | | | | |
|----------------------------|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|----------------------|----------------------|----------------------|----------------------|--------------|----------------------|----------------------------|
| 1661 | ≥10 | ≥6 | ≥5 , | ≥4 | ≥3 | ≥2′2 | ≥ 2 | ≥1'7 | ≥1'4 | <u>≩</u> 1 | ≥ ,4 | ≥ 4 | ≧'≀ | ≥5 16 | ٤. | ≥0 |
| NO CEILING ≥ 20000 | 31.6 33.2 | 40.1 42.7 | 40.5 | 40.9 | 41.0 | 41.0 43.9 | 41.0 43.9 | 41.0 | 41.0 43.9 | 41.0 | 41.0 43.9 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 |
| ≥ 18000 ≥ 16000 | 33.4 | 43.4 | 44.0 | 44.8 | 44.7 | 44.7 | 44.9 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.9 | 44.7 | 44.7 | 44.7 |
| ≥ 14000 ≥ 12000 | 34.6 | 45.7 | 45.0 | 46.2 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 |
| ≥ 9000 | 35.8 | 47.5 48.0 | 48.2 | 49.5 | 49.4 | 49.4 | 49.4 | 49.4 49.9 | 49.4 | 49.4 | 49.4 | 49.4 | | 49.4 | | 49.4 |
| ≥ 8000 ≥ 7000 | 38.1 | 52.2 | 51.3 53.1 | 52.1 53.9 | 52.6 54.4 | 52.6 54.4 | 54.4 | 52.7 54.5 | 52.7 54.5 | 52.8 54.6 | 52.8 54.0 | 52.8 54.6 | 52.8 54.6 | 54.6 | 52.8 54.6 | 52.8 |
| 2 6000 2 5000 | 39.7 40.8 | 55.0 | 56.0 | | 57.8 | 57.8 | 55.4 | 55.6 57.9 | 55.6 58.0 | 58.2 | 55.d 58.3 | 55.8 58.3 | 55.6 58.3 | 58.3 | 55.8 58.3 | 55.8 |
| ≥ 4500 ≥ 4000 | 41.5 42.8 | 56.4 57.9 | 57.4 59.6 | 61.7 | 59 · 3 | 59.3 61.8 | | 59.6 62.1 | 59.7 62.2 | 59.8 62.3 | 59.9 62.4 | 59.9 62.4 | 62.4 | 62.4 | 59.9 62.4 | 59.9 |
| ≥ 3500 ≥ 3000 | 47.3 52.2 | 63.8 | 66.1 74.6 | 67.6 | 64 • 1 68 • 6 | 68.7 78.4 | 64.2 | 68.9 | 64.4 | 64.5 69.1 | 69.3 | 69.3 | 64.7 | 69.3 | 69.3 | 69.3 |
| ≥ 2500 ≥ 2000 | 54.4 | 76.1 76.8 | 79.9 | 83.1 | 84.3 | 84.4 | 78.7 85.8 | 79.1 85.3 | 79.2 85.5 | 85.7 | 79.4 85.8 | 79.4 85.8 | 79.4 85.8 | 79.4 85.8 | 79.4 85.8 | 79.4 85.5 |
| 2 1800 2 1500 2 1200 | 55.8 | 79.1 | 82.9 | 86.3 | 87.9 | 88.1 | 88.8 | | 86.3 89.2 | 86.5 89.6 91.5 | 86.6 89.7 91.6 | 86.6 89.7 91.6 | 86.6 | 89.7 | 86.6 | 89.8 |
| ≥ 1000 | 55.8 | 80.5 | 84.4 | 88.7 | 90.0 | 90.3 | 91.4 | 92.1 | 92.2 93.0 | 92.7 | 93.0 | 93.0 | 91.6 93.0 94.0 | 93.0 | 91.7 93.1 94.1 | 91.7 |
| 2 800 | 55.8 | 80.6 | 84.6 | 89.0 | 91.1 | 91.6 | | | 93.9 | | 95.3 | 95.3 | 95.3 | 95.3 | 95.4 | 94 • 1 95 • 4 96 • 3 |
| ≥ 600 | 55.8 55.8 | 80.6 | 84.9 | 89.8 | 92.0 | 92.7 | 94.2 | 95.4 | | 97.0 | 97.4 | 97.4 | 97.4 | 97.4 | 97.6 | 97.6 97.9 |
| ≥ 400 | 55.8 53.8 | 80.6 | 84.9 | 89.8 | 92.1 | 92.8 92.8 | 64.4 | | 96.3 | 97.5 | 98.3 | 98.3 | 98.3 | 98.3 | 98.7 | 98.7 |
| ≥ 200 | 55.8 55.8 | 80.6 80.6 | 84.9 | | 92.1 | 92.8 92.8 | 94.4 | | 96.3 | 98.0 | 99,3 | 99.3 | 99.3 | 99.5 | 100.0 100.0 | 100.0 |
| 2 0 | 55.8 | 80.6 | | 89.8 | 92.1 | 92.8 | | | | 98.0 | | 99.3 | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS

84

USAF ETAC 101 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLET

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1,800-2000

woEFE B---

| CEILING | | | | | | | VIS | IBILITY (STA | ATUTE MILI | ESI | | | | | | |
|-------------------------|--------------|--------------|------------------------|--------------|--------------|--------------|---------------|---------------|--------------|------------------|---------------|-------------------|------|-------------------|--------------|------------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥ 4 | ≥3 | ≥272 | ≥2 | ≥1½ | ≥11/2 | اخ | ≥ 4 | ≥,• | ≥ '⊅ | ≥ 5 16 | ≥. | ≥0 |
| NO CEILING ≥ 20000 | 36.8 38.6 | 46.7 | 47. | 47. | 47. | 47.5 | 47 .: 49 . | 47.3 | 47. | 47. 49 | 47. | 47. | 47. | 47. 49 | 47. | 47.3 |
| ≥ 18000 ≥ 16000 | 39.1 39. | 49.9 | 50 • 4 50 • 5 | 50.4 50.5 | 50 · 4 | 50.4 | 50.4 50.5 | 50.4 | 50 • 4 | 50 · 4 | 50.4 50.5 | 50 · | 50.4 | 50 · 4 | 50. | 50. |
| ≥ 14000 ≥ 12000 | 39.8 | 51.7 51.9 | 51.8 52.0 | 51.6 | 51.0 52.6 | 51.6 52.6 | 51.4 52.6 | 51.6 | 51.8 | 51.6 52.6 | 51.8 -52.4 | 51.5 | 51.6 | 51.8 | 51.6 | 51.8 |
| ≥ 10000 | 42.1 42.5 | 53.6 54.6 | 54.6 _5 5. 6 | 55.6 | 54.c | 55.6 | 54.6 | 55.4 | 55.6 | 54.6 55.6 | 54.0 | 54.6 -55.4 | 54.6 | 54.6 | 54.6 | 1 1 |
| ≥ 8000 ≥ 7000 | 44.1 45.4 | 56.7 58.1 | 57.1 | | 57.1 | 57.1 59.0 | 57.1 -59.0 | 57.1 | 57. | 57.2 59.1 | 57.3 59. | 57.1 -59.1 | 57.3 | 57. 59. | 57. | 57.3 |
| ≥ 6000 ≥ 5000 | 46.0 48.0 | 59.5 63.1 | 64.1 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 64.5 | 60.7 | 60 · u | 60 • 5 | 60.1 | 64. | 60.8 | 64.7 |
| ≥ 4500 ≥ 4000 | 48.9 50.9 | 07.5 | 68.6 | 66.0 | 66.0 | 68.7 | 68.7 | 66.0 _68.7 | 66.2 | 69.1 | 66.5 | 66 • 5 -69 • 7 | 66.5 | 69.2 | 66.5 | 66.5 |
| ≥ 3500 ≥ 3000 | 52.8 55.0 | 72.6 | | 71.1 | | 71.2 74.8 | 71.2 | 71.2 74.8 | 71.4 75.0 | 71.6 | 71.7 75.2 | 71.7 -75.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥ 2500 ≥ 2000 | 57.5 59.0 | | 78.4 82.3 | 79.3 83.6 | 84.1 | 79.6 84.4 | 84.7 | 79.9 _85.1 | 80 · 1 | 80.2 | 80.3 | 80 • 3 -85 • 7 | 80 | 80 • 3 _85 • 7 | 80.3 | 80 • 3 85 • 5 |
| ≥ 1800 ≥ 1500 | 59.1 60.5 | | | 84.4 87.3 | 84.8 | 85.1 88.5 | 85.4 89.5 | 85.8 90.0 | 86.0 90.3 | 86.3 90.5 | 86.4 | 86.4 90.5 | 90.6 | 86 • 4 90 • 8 | 86.5 90.9 | -90.4 |
| ≥ 1200 ≥ 1000 | 60.8 | 83.8 | 87.0 87.1 | 88.6 88.7 | 89.6 | 89.8 90.0 | 91.2 91.8 | .92.8 | | 92.5 | 92.9 | 92.9 _94.0 | 92.9 | 94.0 | 93.0 | 93.0 |
| ≥ 900 ≥ 800 | 60.8 | 83.9 | | 89.0 | 89.8 90.3 | 90.5 | 92.3 92.9 | 7201 | 93.6 | 94.8 | 94.4 | 94.4 95.1 | 94.4 | 94.4 95.1 | 94.5 | 94.5 |
| ± 700 ± 600 | 60.8 | 84.1 | 87.7 87.7 | 89.6 89.6 | 90.6 | 91.5 | 93.4 | 94.4 | | 26.0 | 96.4 | 96.0 | 96.0 | 96.4 | 96.6 | |
| ≥ 500 ≥ 400 | 60.8 | 84.1 | 87.7 87.7 | 89.6 | 90.8 | 91.5 | 93.4 | 95.3 | 95.4 | 96.2 | 98.3 | 96.8 _98.5 | 96.8 | 98.6 | 98.7 | -98-7 |
| 2 300 2 200 > 100 | 60.8 | 84.1 | 87.7 87.7 | 89.6 | 90.0 | 91.7 | 93.6 | 95.3 | 96.3 | 97.6 98.1 | 98.4 | 98.6 | 99. | 99.4 | 99.5 | 49.4 |
| ≥ 100 | 60.8 | | 87.7 87.7 | 89.6 | | 91.7 91.7 | 93.6 | 95.3 95.3 | 96.3 96.3 | 98 • 1 98 • 1 | 98.8 98.8 | 99.1 | 99.3 | 99.4 | 99.6 | 99.9 100.0 |

TOTAL NUMBER OF OBSERVATIONS

84

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

13812

RICKENBACKER AFB OH

68-70,73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-230

| 7 16 | | | | | | | ٧;S | BILITY (STA | ATUTE MIL | ES) | | | | | | |
|-----------------------|--------------|--------------|--------------|--------------|-------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| ۶, | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥21⁄2 | ≥ 2 | ≥1% | 21% | اڍ | يا ≲ | ≥', | ≥ % | ≥5 16 | ≥ . | ≥0 |
| NO CFILING ≥ 20000 | 35.9 38.1 | | 47.7 51.1 | 47.9 51.2 | 1 | 47.9 51.2 | | | 47.9 | | 47.9 | 47.9 51.7 | 47.9 | 47.9 51.2 | 47.9 51.2 | 47.° |
| ≥ 18000 ≥ 16000 | 38.5 | 51.5 | 51.5 | 51.7 52.0 | | 51.7 | 51.7 52.0 | 51.7 | 51.7 | 51.7 52.0 | 51.7 52.0 | 51.7 52.0 | 51.7 | 51.7 52.0 | 51.7 52.0 | 51. |
| ≥ 14000 ≥ 12000 | 39.5 | | 52.9 54.4 | 53.0 54.5 | 7 | 53.0 | 53.0 54.5 | 53.0 54.5 | 53.0 | | 53.0 54.5 | 53.0 54.5 | 53.0 | | 53.0 54.5 | 53. |
| ≥ 10000 ≥ 9000 | 42.3 | | 55.8 56.1 | | | 55.9 56.2 | | | 55.9 | | 55.9 | | 55.9 | 55.9 56.2 | 55.9 56.2 | 55. |
| ≥ 8000 ≥ 7000 | 43.5 | 5 - 1 | 57.4 | 57.5 | - | 57.5 58.0 | 57.5 | 57.5 | 57.5 58.1 | | 57.5 58.1 | | 57.5 | | | 57. 58. |
| ≥ 6000 ≥ 5000 | 44.5 | | | 1 | | 59.5 | 59.5 | 59.5 | 59.7 63.4 | 59.7 | 59.7 63.4 | 59.7 63.4 | 59.7 63.4 | 59.7 63.4 | 59.7 | 59 · |
| ≥ 4500 ≥ 4000 | 48.6 | | | 1 1 | | 67.3 | 65.6 | 65.6 | 65.8 | | 65.8 | | 65.8 | | | |
| ≥ 3500 ≥ 3000 | 50.2 52.3 | | | | | 69.5 | 69.5 | | | 69.7 | 69.7 | | | | 69.7 | 69 • 74 • |
| ≥ 2500 ≥ 2000 | 54.0 56.2 | | | | ויייו | 79.7 | 79.8 | 79.8 86.1 | 80.0 | | 80.0 | | 80.0 | 80.0 86.5 | 80.0 | |
| ≥ 1800 ≥ 1500 | 56.9 58.1 | 81.5 83.8 | | 85.4 89.0 | | 86.6 | 86.9 | 57.2 91.1 | 87.5 91.4 | | | | 87.5 91.4 | | | |
| ≥ 1200 ≥ 1000 | 58.4 58.6 | | | | / | 91.9 | 92.8 | | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93. 94. |
| ≥ 900 ≥ 800 | 58.8 58.8 | | | | | 93.0 | 94.3 | 94.5 | 95.7 | 95.1 | 95.1 | 95.1 | 95.8 | 95.1 95.8 | | 95. 96. |
| ≥ 700 ≥ 600 | 59.0 59.0 | 85.6 | | 91.6 91.6 | | 93.8 93.8 | 95.4 | 95.8 | 96.8 | 96.4 | 96.4 | 96.4 | 96.4 | | 96.4 | 96 e |
| ≥ 500 ≥ 400 | 59.0 59.0 | 85.6 | | | | 93.9 | | | 97.3 97.6 | 97.5 | | 97.5 98.1 | 97.5 98.1 | 97.5 98.1 | | |
| ≥ 300 ≥ 200 | 59.0 59.0 | 85.6 | 89.8 | 91.8 | 93.9 | 94.4 94.4 | 96.2 | | 98.1 98.1 | 98.7 99.0 | | | 98.8 | 98.8 99.2 | 98.8 | |
| ≥ 100 ≥ 0 | 59.0 59.0 | | | 1 | 93.9 | | | 97•1 97•1 | 98 • 1 98 • 1 | 99.0 | | 99.2 | 99.3 | | 99.4 99.4 | |

TOTAL NUMBER OF OBSERVATIONS

84

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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CEILING VERSUS VISIBILITY

13812 RICKENPACKER AFB UH

8-74-73-79

MORTE B

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

- HOURSALL-

| CEILING | | | | | | | VIS | BILITY (STA | TUTE MILI | ES) | | | | | | |
|----------------------------|----------------------|------|------------------|--------------|----------------------|------------------|-------------------|----------------------|----------------------|--------------|------------------|--------------|----------------------|-------------|------------|--------------|
| FEET | ≥10 | ≥6 | ≥ 5 | ≥ 4 | ≥3 | ≥2⅓ | ≥ 2 | ≥11/2 | ≥1¼ | ا≾ | ≥ 1,4 | ₹,• | ≥ י״ | ≥ 5 16 | ≥'. | ≥0 |
| NO CEILING ≥ 20000 | 30.3 | 40.1 | 41. | 41. | 42.3 | 42.4 45.4 | 42.6 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43. | 43.0 | |
| ≥ 18000 ≥ 16000 | 32.4 | 47. | 44. | 45. | 45. | 46.0 | 46. | 46.6 | 46.6 | 46.0 | 46.6 | 46.6 | 46.0 | 46.0 | 46.4 | 46•6 |
| ≥ 14000 ≥ 12000 | 33.1 | 44 | 45.6 | 47. | 47.0 | 47.5 | 47.6 | 48.5 | 47. | 47. 48. | 47.7 -48.5 | 47. | 47. | 47. | 47. | 47.7 |
| ≥ 10000 ≥ 9000 | 35.5 | 47.5 | 48.4 | 49. | 50.5 | 50.6 | 50.6 | 51.4 | 50. | 50. | 50.7 | 50. | 50 • 51 • 5 | 50. | 50. | 50•} |
| ≥ 8000 ≥ 7000 | 36.7 37.6 | | 50 • 5 51 • 5 | 51.4 | 52•1 53• | 52.2 | 52.1 54.1 | 52.9 | 52.9 | 52.9 54.1 | 52.9 54. | 52.° | 53.0 | 54.4 | 54. | -54.4 |
| ≥ 6000 ≥ 5000 | 38.4 | 54.0 | | 54.3 | 55•1 57•6 | 55.2 _57.3 | 55. | 55.9 -58.4 | 55.9 | 56.(58. | 56.0 | 56.0 | 58. | 59. | - 58. | -58+4 |
| ≥ 4500 ≥ 4000 | 41.2 | 58.2 | | 61.3 | 59.8 62.4 | 62.6 | 60. | 63.4 | 60.8 | 63.4 | 60.4 | 63. | 60. | 60.9 63. | 60. 63. | 63 66 |
| ≥ 3500 | 44.4 | 64. | 66. | 68.3 | 69.6 | 65.4 | 7() | 70-7 | 70. | 70.5 76. | 71.0 | 71.0 76.8 | 71. | 71.0 | 71.0 | 71.0 76.9 |
| ≥ 2500 ≥ 2000 ≥ 1800 | 49.3 50.9 | 73.7 | 76.5 | 73.6 78.7 | 80.6 | 75 • 4 80 • 9 | 70. 81. | 76.4 | 76.6 82.5 83.5 | 82. | 76 • 82 • 83 • 8 | _82. | 76.4 82.4 83.4 | 82.8 | 82.4 | 15-4 |
| ≥ 1800 ≥ 1500 ≥ 1200 | 51.3 52.3 53.3 | 77.2 | 81.0 | 83.6 | 81.5 85.1 88.4 | 81.9 86.2 | 87.4 | 83.3 88.0 91.3 | 88. | 88. | 88.5 | 88. | 88. 92. | 88.4 | 88.4 | -88 92•1 |
| ≥ 1000 | 53.4 | 79.6 | 83. | 86.7 | 89. | 89.5 | 900 910 920 | 92.5 | 92. | 93 | 94.2 | 93. | 94 | 93.4 | 93. | 93.5 |
| ≥ 800 ≥ 700 | 53.5 | 80. | 84. | 7 | 90.4 | 91. | 95. | 94.1 | 94. | 94.0 | 95.1 | 95. | 95. | 95. 95. | 95. | 95.2 |
| ≥ 600 | 53. | 40.0 | 85. | 88 | غملك | 92 | 94. | 95.6 | 95. | 96 | 96.6 | 96. | 96. | 96+8 | 96. | 96.5 |
| ≥ 400 ≥ 300 | 53. | 80 | 85.1 | 88.4 | 91.4 | 92. | 94. | 96.0 | 96. | 97. | 97.9 | -98. | 98 | 98. | 98. | 98+5 |
| ± 200 ≥ 100 | 53. | 80. | 1 85. | 88.4 | 91.5 | 92. | 94. | 96.2 | 96 · i | 98. | 78.7 | 98. | 99. | 99. | 99. | 99.7 |
| ≥ 0 | 53. | 80. | 85. | TI | ت نہا | 92. | 94. | 96. | 96. | 98. | 98. | 98. | 99. | 90. | 99. | 100-0 |

TOTAL NUMBER OF OBSERVATIONS

676

TICAE FTAC 10 AL OF 14-5 (OL A) METIOUS EDITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

13812

RICKENBACKER AFB UH

67-70,73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

| CEILL | | | | | | | VIS | BILITY (STA | ATUTE MIL | ES) | | | | | | |
|----------------------------|----------------------|----------------------|----------------------|--------------|------|----------------------|----------------------|--------------|----------------------|----------------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 10.1 | ≥ 10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2⅓ | ≥2 | ≥11/2 | ≥1¼ | ≥1 | ≥ ,* | ≥'• | ≥"⁄ | ≥ 5 16 | ٤. | ≥0 |
| NO CEILING ≥ 20000 | 34.6 37.1 | 41.8 | 39.9 42.7 | 40.2 43.0 | 43.8 | 41.2 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.7 |
| ≥ 18000 ≥ 16000 | 37.5 38.0 | 42.7 | 43.1 43.5 | 43.4 | 44.6 | 44.8 | 44.6 45.1 | 44.6 | 44.6 45.1 | 44.6 | 45.1 | 44.6 | 44.6 | 44.6 | 45.1 | 45.4 |
| ≥ 14000 ≥ 12000 | 39.0 41.0 | 46.5 | 45.3 | 47.6 | | 46.6 48.6 | 46.8 | 46.8 | 46.8 | 48.8 | 46.8 48.8 | 46.8 | 46.8 | 46.8 48.8 | 46.8 | 49.1 |
| ≥ 10000 | 43.3 44.1 46.2 | 49.2 50.2 53.2 | 50.2 51.2 54.2 | 50.5 51.5 | | 51.5 52.5 | | 51.7 52.7 | 51.7 52.7 | 51.7 52.7 | 51.7 52.7 | 51.7 52.7 | 51.7 52.7 | 51.7 52.7 | 51.7 52.7 | 52.0 53.0 |
| ≥ 8000 ≥ 7000 ≥ 6000 | 47.7 | 55.1 58.3 | 56.1 59.7 | 56.5 | - | 55.5 57.5 | 55.7 57.7 61.3 | | 55.7 57.7 | 55.7 57.7 61.3 | 55.7 57.7 | 55.7 57.7 | 55.7 57.7 | 55.7 57.7 | 55.7 57.7 61.3 | 56.0 58.1 |
| ± 5000 | 51.7 | 61.4 | 63.1 | 63.4 | | 64.6 | | 64.8 | 64.8 70.2 | 64.8 | 64.6 | 61.3 64.8 70.2 | 61.3 64.8 70.2 | 61.3 64.8 70.2 | 64.8 70.2 | 61.6 65.2 70.5 |
| ≥ 4000 | 56.7 58.3 | 68.3 | 70.5 | | 72.2 | 72.6 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 75.2 | 72.8 | 73.1 |
| ≥ 3000 | 59.9 | 73.4 | - | 76.9 | 78.1 | 78.7 | | | 79.0 83.1 | 79.0 | | 79.0 83.1 | | 79.0 83.1 | 79.0 83.1 | 79.4 83.4 |
| ≥ 7000 | 63.5 | 80.1 80.5 | 84.5 | 85.4 35.8 | | 88.5 | | | 88.9 | | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.8 |
| ≥ 1500 | 64.0 | 82.7 | 86.3 | 88.7 | 90.6 | 91.6 | 92.3 | 92.4 | 92.5 | 92.6 | 72.6 | 91.3 | 92.6 | 91.3 92.6 | 92.6 | |
| ≥ 1000 ≥ 900 ≥ 800 | 64.0 | 83.2 | 87.4 | 89.9 | 91.9 | 93.0 | 94.4 | 94.6 | 94.7 | 94.9 | 94.9 | 94.9 | 94.9 | | 94.9 | 94.5 |
| 2 700 2 600 | 64.0 | | 88.5 88.7 89.0 | 91.1 | 94.1 | 94.3 95.2 95.7 | 96.7 | 97.0 | 96.1 97.2 98.0 | 97.4 | 97.5 | 96.3 97.5 98.3 | 97.5 | 96.3 97.5 98.3 | 96.3 97.5 98.3 | 97.8 |
| ≥ 500 ≥ 400 | 64.0 | 84.1 | 89.1 89.1 | 91.6 91.6 | 94.9 | 96.0 | 97.7 | 98.1 98.4 | 98.3 | 98.6 | | 98.7 | 98.7 | 98.7 | 98.7 | 99•0 |
| 2 300 2 200 | 64.0 | 84.1 | 89.1 89.1 | 91.6 91.6 | 94.9 | 96.3 | 95.1 | 98.4 98.4 | | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 |
| ≥ 100 ≥ 0 | 64.0 64.0 | | 89.1 89.1 | 91.6 91.6 | | 96.3 | 98.1 | 98•4 98•4 | | | | 99.4 99.4 | 1 | | | |

TOTAL NUMBER OF OBSERVATIONS

030

USAF ETAC NICA 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

13812 RICKENRACKER AFB UH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_**0300=050**0

| CFILING | | | 1111-11 | | | | VIS | BILITY 15TA | JUIE MIL | ESI | | | | | | |
|-------------------------|--------------|--------------|-----------|--------------|--------------|---------------------|---------------|-----------------------|---------------|------------------|----------------------|-----------------------------|------------------|--------------|----------------------|-------------------|
| FEET | ≥10 | ≥6 | ≥ 5 | ≥4 | ≥3 | ≥215 | ≥2 | ≥155 | ≥1% | ≥1 | ىئ ≤ | ≥'* | ≥', | ≥5 16 | ≥'• | ≥0 |
| NO CEILING 2 70000 | 31.2 | 37.7 39.7 | 38 · (| 38.7 40.5 | 38 · c | 38.0 | 39.0 41.5 | 39.1 | 39.1 41.6 | 37.4 | 39.7 | 39. | 39. | 39. | 39. | 40.4 |
| ≥ 18000 ≥ 16000 | 33.1 33.4 | 40.0 | 40.6 | 40.9 | 41.4 | 41.4 | 41.8 | 41.9 | 41.9 | 42.5 | 42.5 | 42. | 42. | 42. | 42.9 | |
| ≥ 14000 ≥ 12000 | 34.3 35.8 | 41.3 | 41.5 | 42.7 | 42.7 | 42. | 43.1 | 43.2 | 43.2 45.1 | 43.4 | 43.8 | 43.6 | 43.4 | -45-4 | 43. | 44. |
| ≥ 10000 | 38.8 | 47.4 | 47.2 | 47.3 | 48.4 | 48.7 | 48.6 | 48.7 | 48.7 | 48.9 | 49.2 | 49.7 -50.4 | 49. | 49.7 -50. | 49.4 -50. | 49 • 7 -50 • 1 |
| ≥ 8000 ≥ 7000 | 41.8 | 50.4 | | 51.3 53.9 | 51.9 54.5 | 51.9 <u>54.5</u> | 52.4 54.9 | 52.5 55.1 | 52.5 -55.1 | 52. 55.3 | 53.0 -55.0 | 53.6 | 53.0 | -55-4 | 53. | 53• -56• |
| ≥ 5000 ≥ 5000 | 44.0 | 59.0 | | 55.6 59.4 | 56., 60.0 | 56.2 60.0 | 56.7 64.4 | 56.8 -60.5 | 56.4 400 | 57.1 60.5 | 57.4 | 57.4 | 57.4 | -61.4 | 57. | 58•' |
| ≥ 4500 ≥ 4000 | 48.0 49.5 | | | 64.0 65.9 | 64.6 66.6 | 64.6 68.5 | 67.1 | 65.4 | 65.4 67.2 | 65. 67.6 | 66.0 68.0 70.2 | 66.€ - 68. € | 66.0 | 66.0 | 66. | 66•4 |
| ≥ 3000 | 51.9 54.3 | 1 | 66 - 73 - | 71.0 | 72.4 | 72.4 | 7.1.1 76.9 | 69.6 -73.4 77.2 | 73.4 77.2 | 73 · E | -74 - 77 - L | 70 • 2 74 • 1 77 • 8 | 70 • 74 • 77 • 1 | 74. | 70.2 74.2 78.0 | 74.4 78.4 |
| ≥ 2000 | 56.2 | 76.7 77.1 | | 80.2 80.6 | 82.4 | 82.4 | 84.2 84.7 | 84.0 | 84.0 | 83.9 | 84.6 | _84.6 | 84 | 84. | 84. 84. | -84 -85 -85 |
| ≥ 1500 | 57.1 57.7 | 79.7 80.8 | 81.6 | 84.9 | 85.7 | 87.6 | كمجاهبا | 87.2 89.1 | 87. 89. | 87.6 | 88.0 | 88.0 | 88.4 | 88-(| 85. | -88 · 1 |
| ≥ 1000 | 57.8 | 81.6 | 84.0 | 86.9 | 88.5 | 88 B | 91.1 | 90.4 | 90.4 | 92.2 | 91.4 | 91.4 | 91. | 91.4 | 91.5 | 93.2 |
| 2 800 | 58.0 | 82.8 | 85.5 | | | 90.5 91.7 | 93.2 | 94.2 | 94.3 | 94.7 | 93.7 | | 95. | 93. | 95.4 | 94. |
| ≥ 600 ≥ 500 ≥ 400 | 58.0 | 83.0 | 85.6 | 88.7 | 91.9 | 92.2 | 94.9 | | 96.6 | 95. | 97.7 | 96.0 | 97. | | | 98+ |
| 2 300 2 300 2 200 | 58.0 | 83.0 | 85.8 | 88.7 | 91.9 | 93.3 | 95.2 | 97.0 | 97.1 | 97.8 | | | | 98. | 98.9 | 99.5 |
| ≥ 100 ≥ 0 | 58.0 58.0 | 83.0 | 85.6 | 88.7 | | 93.3 93.3 | 95.2 | 97.0 97.0 | _97.2 97.2 | 98 • 1 96 • 1 | 98.8 98.8 | | 1 | 1 | 99. | 99. |

TOTAL NUMBER OF OBSERVATIONS

~3

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM APE OBSOLETE

CEILING VERSUS VISIBILITY

13812 RICKENBACKER AFB UH

57-70,73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> 0600-0800</u>

| CEIUNG | | | | | | | VISI | BILITY (STA | TUTE MILE | S 1 | | | | | | |
|-----------------------|----------------------|--------------|--------------|----------------------|----------------------|----------------------|----------------------|--------------|----------------------|----------------------|----------------------------|----------------------------|----------------------|----------------------|--------------|--------------------|
| , teet | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥217 | ≥ 2 | ≥1½ | ≥1% | ≥1 | ≥ 1,4 | ≥,* | ≥ '; | ≥5 16 | ≥ . | ≥0 |
| NO CEILING ≥ 20000 | 22.7 24.0 | 37.3 34.8 | 34.1 37.0 | 34.8 37.8 | 36.(39.1 | 36.7 39.8 | 36.8 | 37.1 40.5 | 37.2 40.8 | 37.4 41.0 | 37.4 41.0 | 37.4 41.0 | 37.4 41.0 | 37.4 | | 37.8 41.4 |
| ≥ 18000 ≥ 16000 | 24.3 | 35.4 | 37.5 37.7 | 38.4 38.6 | 39.7 39.9 | 40.5 | 40.8 41.9 | 41.1 | 41.3 | 41.7 41.7 | 41.5 | 41.5 | 41.5 | 41.5 | 41.6 | 41.9 |
| ≥ 14000 ≥ 12000 | 24.6 | 36.1 37.6 | 38.5 40.1 | 39.4 41.0 | 40.6 | 41.3 43.0 | 41.7 | 42.0 43.8 | 42.3 | 42.5 | 44.5 | 42.5 | 44.2 | 42.5 | 42.6 | 42.9 |
| ≥ 10000 ≥ 9000 | 27.2 | 40.3 | 44.0 | 43.9 | 45.3 | 45.9 | 46.3 | 46.7 | 46.9 | 47.1 48.1 | 47.1 | 47.1 48.1 | 47.1 | 47.1 48.1 | 47.4 | 47.5 |
| ≥ 8000 ≥ 7000 | 30.2 | 45.3 | 48.0 50.8 | 48.8 51.6 | 50.2 53.0 | 50.9 53.7 | 51.3 54.2 | 51.6 54.5 | 51.8 54.7 | 52.0 54.9 | 52.0 54.9 | 52.0 54.9 | 52.0 55.1 | 55.1 | 52.3 55.3 | 52.0 |
| ≥ 6000 ≥ 5000 | 33.2 35.1 | 49.5 52.6 | 52.4 55.5 | 56.6 | 54.6 58.1 | 55.3 58.8 | 55.8 57.4 | 56, 2 | 56.6 50.1 | 56.8 <u>60.4</u> | 56.6 60.4 | 56.8 | 56.9 | 56.9 _60.5 | 57.1 60.8 | 57.4 |
| ≥ 4500 ≥ 4000 | 36.3 37.2 | 55.5 56.6 | 58.8 59.9 | 60.1 | 62.6 | 62.5 | 63.0 | 63. ° | 63.9 65.3 | 65.6 | 65.6 | 65.6 | 64.3 | 65.7 | 64.5 65.9 | 64.8 |
| ≥ 3500 ≥ 3000 | 38.0 | 59.0 62.5 | 62.4 | | 65.5 69.7 | 70.8 | 67.1 71.3 | 67.8 72.0 | 72.4 | 68.6 72.8 76.1 | 68.6 72.6 | 68 • 6 72 • 8 76 • 1 | 72.9 | 68.7 72.9 76.2 | 73.1 76.5 | 73.4 |
| ≥ 2500 ≥ 2000 | 40.8 41.7 41.8 | 68.8 68.8 | 72.5 | 70.5 74.2 74.6 | 72.5 76.6 77.1 | 77.6 | | | 75.7 80.0 80.5 | 80.5 81.1 | 76 • 1 80 • 5 81 • 1 | 80 • 5 81 • 1 | 76.2 80.6 81.2 | 80.6 | 80.4 | 76 • 8 - 81 • 7 |
| ≥ 1800 ≥ 1500 | 43.3 | 71.3 | | | 80.5 | 78.2 81.7 84.4 | 79.2 82.9 85.7 | 83.7 | 84.2 | 84.7 | 84.7 | 84.7 | 84.8 | 84.8 | 85.1 | 85.4 88.3 |
| ≥ 1000 | 44.1 | 73.4 | | | | 85.9 | 87.3 | 88.2 | 88.7 | 89.4 | | 89.5 | 89.6 | 89.6 | 89.8 | 90.1 |
| ≥ 900 ≥ 800 | 44.3 | 74.3 | 79.6 | 81.9 | 86.1 | 87.8 | 89.4 | 90.5 | 91.1 | 91.7 | 91.8 | 91.9 | 92.0 | 92.0 | 92.3 | 92.6 |
| ≥ 500 | 44.3 | 74.7 | 80.2 | | | 89.1 | 90.8 | 92.5 | 93.0 | | 94.3 | 94.5 | 94.6 | 94.6 | 94.8 | |
| ≥ 400 ≥ 300 | 44.3 | 74.7 | 80.4 | 83.1 | 88.0 | 89.8 | 91.9 | 94.1 | 94.6 | 96.1 | 96.7 | 96.9 | 97.2 | 97.3 | 27.5 | 97.8 |
| ≥ 700 | 44.3 | 74.7 | 80.4 | 83.1 | 88.0 | 89.8 | 91.9 | 94.2 | 94.8 | 96.5 | 97.1 | 97.6 | 98.1 | 98.2 | 98.4 | 29.0 |
| <u> </u> | 44.3 | 1 ' ' ' ' | | | 98.0 | | • | | | | | 97.6 | | 98.2 | | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC NICON 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13812 RICKENBACKER AFT UH

7-70-73-78

——1000000

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0200-1-100

| CEILING | | | | | | | VIS | BILITY (STA | ATUTE MILL | ES) | | | | | | |
|----------------------------|----------------------|--------------|--------------|--------------|------------------|--------------|--------------|---------------|---------------|--------------|----------------------|--------------|--------------|-----------------------|---------------|----------------------|
| FEET | ≥ 10 | ≥6 | ≥5 | ≥ 4 | ≥3 | ≥217 | ≥ 2 | ≥1% | ≥1% | ≥1 | ≥ '₄ | ≥,, | ≩.', | ≥ 5 16 | ≥. | ≥0 |
| NO CEILING ≥ 20000 | 23.5 | 35.6 | 36.4 40.4 | 38.0 41.5 | 38. 42. | 38.9 | 39.(4, | 39.1 | 39.1 | 39.1 | 39. | 39.1 | 39. | 39. 43. | 39. | 39. |
| ≥ 18000 ≥ 16000 | 24.9 | 39.0 40.4 | 410 | 42.5 | 43. | 43.4 | 45.8 | 43.9 | 43.9 | 43.9 | 43.4 | 43.9 | 43.9 | 43.9 | 43.9 | 44. |
| ≥ 14000 ≥ 12000 | 25.6 26.9 | 41.5 | 43.0 | 44.1 45.8 | 44.4 | 45.2 | 45. | 45.0 | 45.6 | 45.6 | 45.0 | 45.6 | 45.0 | | 45. | 45.8 -47.5 |
| ≥ 10000 ≥ 9000 | 27.8 27.8 | 44.8 | 46.0 | 47.4 | 48.0 48.0 | 48.3 | 48.6 48.5 | 48. | 48. | 48.7 | 48.7 -49.0 | 48.7 | 48.1 | 48. | 48.1 | 48•9 |
| ≥ 8000 ≥ 7000 | 28.6 30.1 | 46.6 | 50. | 49.4 | 50 • ¿ | 50.6 52.8 | 51.0 53.1 | 51.1 -53.2 | 51.1 -53.1 | 51.1 53.2 | 51.a | 51.7 | 51.4 53.4 | 51.2 -53.2 | 51.4 -53.4 | 51.4 -53.4 |
| ≥ 6000 ≥ 5000 | 31.1 32.9 | 50•: 52•: | 52.3 | 53.3 55.1 | 54.3 | 54.7 | 55.1 | 55.2 -58.0 | 55.2 | 55.2 58.1 | 5 5. 3 | 55.7 58.7 | 55. | 55.3 | 55.3 58 | 55.3 -58.4 |
| ≥ 4500 ≥ 4000 ≥ 3500 | 34.7 35.6 36.2 | 55.6 57.6 | 59.9 | 58.8 61.1 | 60.0 | 60.5 | 61.1 | 61.4 | 61.2 | 61.3 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 64-4 |
| ≥ 3000 | 38.0 40.5 | 66.5 | , | 67. | 65 • 5 69 • 6 | 70.2 74.7 | 70.5 75.3 | 70.5 75.4 | 71.0 75.5 | 71.1 75.6 | 67.0 71.2 75.7 | 67.0 71.7 | 67.0 | 67.0 -71.7 75.7 | 67.0 | 67.7 71.4 75.9 |
| ≥ 2000 | 41.9 | 70.1 | 73.5 | 75.9 76.8 | | 79.2 80.2 | 79.9 | | 80.3 81.5 | 80.4 | 80.5 81.7 | 80.5 81.7 | 80 · · | -80 81 | 80. | -80 · 4 |
| ≥ 1500 | 43.4 | 72.9 | 76.0 | 79.0 | | 83.1 | 84. | 84.5 | 84.6 | 87.4 | 85.1 87.6 | 85.1 | 85.1 87. | _85.1 87.7 | _85.2 87.8 | -85-4 |
| ≥ 900 | 43.4 | 74.7 | 79.1 | 82.3 | 85.8 | 87.2 | | 89.6 | 89.8 | 90.0 | 90.2 | 90.2 91.5 | 90. | 90.7 91 | 90.4 | 90.4 |
| ≥ 800 | 43.8 | | 79.9 | | | 88.3 | 89.5 | 91.0 | 91.3 | 93.5 | 92.0 | 92.2 | 92. | 92.7 | 92.3 | 92.5 |
| ≥ 500 | 43.9 | | | 83.7 | 87.8 | | 92. | 94.4 | | 94.5 | | 95.7 | 96.9 | 95.5 | 95.1 97.0 | -96-4 |
| ≥ 400 ≥ 300 | 43.9 | 75.8 | 80.5 | 84.0 | 88.3 | 90.8 | 93.2 | 95.4 95.4 | 95.9 95.9 | 97.1 | 97.7 | 98.7 98.7 | 98.4 | , | | -98+7 99•6 |
| ≥ 700 ≥ 100 ≥ 0 | 43.9 43.9 43.9 | 75.5 | 80.5 | | 88.3 | | 93.2 | 95.4 | 95.9 95.9 | 97. | 98.3 | 98.8 | 99.2 | 99.4 | | 99.9 100.0 |

TOTAL NUMBER OF ORSERVATION

930

USAF ETAC 10.54 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOR

CEILING VERSUS VISIBILITY

1381

RICKENRACKER AFB DIL

73-78 و70-73

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

| ≥10 33.4 35.4 35.7 36.1 | ≥6 38.8 41.7 | ≥5 | ≥4 | ≥3 | ≥2'2 | ≥ 2 | | | | | | | | | |
|-------------------------------------|--|--|---|---|--|--|--|--|--|--|--|--|--|--|--|
| 35.4 35.7 | 41.7 | - 1 | 40.2 | | | - , | ≥1/2 | ≥11/4 | ≥1 | ≥ ,• | ≶,• | د, ₹ | ≥ 5 16 | ≥. | ≥0 |
| 35.7 | | | 43.2 | 40.9 | 40.6 | 40.6 | 40.6 | 40.0 | 40.6 | 40.6 | 40.4 | 40.6 | 40.0 | 40.0 | 40.4 |
| 36.1 | 42.7 | 42.7 | 44.7 | 44.5 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.0 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 |
| 37.1 | 43.5 | 44.5 | 45.1 | 45.4 | 45.7 | 45.5 | 45.5 | 45.7 | 45.7 | 45.7 | 45.7 | 45.5 | 45.5 | 45. | 45.5 |
| 38.1 | 46.0 | 47.0 | 47.5 | 47.8 | 48.0 | 40.0 | 49 d | 48.0 | 48.d | 48.0 | 48.0 | 48-0 | 48.0 | 48.0 | 49.0 |
| 39.6 | 48.0 | 48.9 | 49.5 | 49. | 49,9 | 49.9 | 47.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 |
| 41.9 | 50.5 51.8 | _ | | | 57.6 54.0 | | 52.6 | 52.6 54.0 | 52.6 54.0 | | 52.6 54.0 | | 57.6 54.0 | 52.6 54.0 | 52.0 _54.0 |
| 42.7 | 53.5 | 54.4 | 55.6 | 56.0 | 56.1 | 50.2 | 56.2 | 56.2 | | 56.2 | 56.7 | 56.2 | 56.2 | | |
| 46.1 | 58.0 | 59.0 | 60.2 | 60.6 | 60.8 | 61.0 | 61.0 | 51.0 | 61.0 | 61.q | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 |
| 48.0 | 60.5 | 62.4 | 63.0 | | 63.8 | 64.0 | 64.0 | 64.0 | 64.0 | 64.q | | | نظائد المساحد | 66.7 | 66.7 |
| 53.1 | 67.4 | 69.8 | 70.8 | 71.5 | 71.6 | 71.8 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | | |
| 59.1 | 74.5 | 81.4 | | 84.1 | 84.3 | | | | 84.8 | 84.8 | 84.8 | 84.8 | 84.9 | 84.5 | 84.5 |
| | | | | 84.9 87.8 | 1 | 85.5 88.4 | 85.8 88.8 | | | 85.8 88.8 | | | | | 85.9 88.9 |
| 60.1 | 81.7 | 85.2 | 87.8 | 90.0 | 90.3 | 90.6 | 91.4 | 91.4 | 91.4 | 91.4 | | | | 91.5 | 91.5 |
| 60.5 | 83.1 | 87.4 | 90.2 | 92.7 | 93.2 | 73.8 | 94.8 | 94.9 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 |
| | | | | | | | | | | | | | | | |
| | | | | 93.9 | 95.2 | 96.3 | | | | 98.0 | 98.0 | 78. | 98.1 | 98.2 | 98.2 |
| 60.5 | 83.3 | 87.8 | 90.8 | 94.0 | 95.4 | 96.8 | 98.3 | 98.8 | 98.9 | 99.6 | 99.6 | 99.7 | 92.7 | 99.8 | 99.6 |
| | 1 | | | | | | | | | • 7 • 7 | | | 1 | | 1 - |
| | | 1 | | | 95.4 | 90.8 | | | | | | | | | |
| | 39.2 39.6 41.0 41.9 42.7 43.9 46.1 48.0 53.1 59.2 59.2 59.2 60.5 | 39.2 47.6 39.6 48.0 41.0 50.5 41.9 51.8 42.7 53.5 43.9 55.2 46.1 58.0 48.0 60.5 48.0 60.5 57.1 72.8 59.1 79.1 59.2 79.1 59.9 80.8 59.1 79.5 59.9 80.8 60.5 83.3 60.5 83.3 60.5 83.3 60.5 83.3 60.5 83.3 60.5 83.3 60.5 83.3 | 39.2 47.6 48.6 39.6 48.9 48.9 41.0 50.5 51.6 52.9 42.7 53.5 54.9 43.9 55.2 56.7 46.1 58.0 59.0 60.5 62.4 69.9 67.1 72.8 75.4 69.8 57.1 72.8 75.4 69.8 59.1 79.5 81.4 59.2 79.1 82.0 59.9 80.8 84.0 60.5 83.3 87.6 60.5 83.3 87.6 60.5 83.3 87.6 60.5 83.3 87.6 60.5 83.3 87.6 60.5 83.3 87.6 60.5 83.3 87.6 60.5 83.3 87.6 60.5 83.3 87.6 60.5 83.3 87.6 60.5 83.3 87.6 60.5 83.3 87.6 60.5 83.3 87.6 60.5 83.3 87.6 60.5 83.3 87.6 60.5 83.3 87.6 60.5 83.3 87.6 60.5 83.3 87.8 60.5 83.3 87.8 87.8 60.5 83.3 87.8 87.8 60.5 83.3 87.8 87.8 60.5 83.3 87.8 87.8 87.8 87.8 87.8 87.8 87.8 | 39.2 47.6 48.6 49.1 39.6 48.0 48.9 49.5 41.0 50.5 51.6 52.2 41.9 51.8 52.9 53.5 42.7 53.5 54.9 55.6 43.9 55.2 56.7 57.3 46.1 58.0 59.6 60.2 48.0 60.5 62.4 63.0 49.9 62.9 64.8 65.6 53.1 67.4 69.8 70.8 57.1 72.8 75.4 76.7 59.1 78.5 81.4 82.8 59.2 79.1 82.0 83.5 59.2 79.1 82.0 83.5 59.9 80.8 84.0 86.1 60.1 81.7 85.2 87.8 60.4 82.7 86.9 89.6 60.5 83.3 87.6 90.5 60.5 83.3 87.6 90.5 60.5 83.3 87.6 90.5 60.5 83.3 87.8 90.8 60.5 83.3 87.8 90.8 60.5 83.3 87.8 90.8 60.5 83.3 87.8 90.8 | 39.2 47.6 48.6 49.1 49.5 39.6 48.0 48.9 49.5 49.6 41.0 50.5 51.6 52.2 52.5 41.9 51.6 52.9 53.5 53.9 42.7 53.5 54.9 55.6 56.7 43.9 55.2 56.7 57.3 57.7 46.1 58.0 59.0 60.2 60.6 48.0 60.5 62.4 63.0 63.7 49.9 62.9 64.8 65.6 66.3 53.1 67.4 69.8 70.8 71.5 57.1 72.8 75.4 76.7 77.7 59.1 78.5 81.4 82.8 84.1 59.2 79.1 82.0 83.5 84.9 59.9 80.8 84.0 86.1 87.8 59.9 80.8 84.0 86.1 87.8 60.1 81.7 85.2 87.8 90.0 60.5 83.3 87.6 90.5 93.4 60.5 83.3 87.6 90.5 93.4 60.5 83.3 87.6 90.5 93.4 60.5 83.3 87.8 90.8 94.0 60.5 83.3 87.8 90.8 94.0 60.5 83.3 87.8 90.8 94.0 60.5 83.3 87.8 90.8 94.0 | 39.2 47.6 48.6 49.1 49.5 49.6 39.6 48.6 48.9 49.5 49.6 49.9 41.0 50.5 51.6 52.2 52.5 52.6 52.6 41.9 51.8 52.9 53.5 53.9 54.0 42.7 53.5 54.9 55.6 56.0 56.1 43.9 55.2 56.7 57.3 57.7 57.8 46.1 58.0 59.0 60.2 60.6 60.8 48.0 60.5 62.4 63.0 63.7 63.8 49.9 62.9 64.8 65.6 66.3 66.5 65.1 67.4 69.8 70.8 71.5 71.6 57.1 72.8 75.4 76.7 77.7 77.8 59.1 78.5 81.4 82.8 84.1 84.3 59.2 79.1 82.0 83.5 84.9 85.3 59.9 80.8 84.0 86.1 87.8 88.2 60.1 81.7 85.2 87.8 90.0 90.3 60.5 83.3 87.6 90.5 93.2 93.9 60.5 83.3 87.6 90.5 93.2 93.9 60.5 83.3 87.6 90.5 93.2 93.9 60.5 83.3 87.6 90.5 93.2 93.9 60.5 83.3 87.8 90.8 94.0 95.4 6 | 39.2 47.6 48.4 49.1 49.5 49.6 49.6 39.6 48.0 48.9 49.5 49.8 49.9 49.9 49.9 41.0 50.5 51.6 52.7 52.5 52.6 52.6 52.6 41.9 51.8 52.9 53.9 53.9 54.0 54.0 54.0 55.2 55.2 55.2 55.8 54.0 54.0 56.1 58.0 59.0 60.2 60.6 60.8 61.0 48.0 60.5 62.4 63.0 63.7 63.8 64.0 49.9 62.9 64.8 65.6 66.3 66.5 66.7 57.1 72.8 75.4 76.7 77.7 77.8 78.1 59.1 78.5 81.4 82.8 84.1 84.3 84.5 59.2 79.1 82.0 83.8 84.1 84.3 84.5 59.2 79.1 82.0 83.8 84.9 85.3 85.5 60.1 81.7 85.2 87.8 90.0 90.3 90.6 60.5 83.3 87.6 90.5 93.2 93.9 94.4 60.5 83.3 87.6 90.5 93.2 93.9 94.4 60.5 83.3 87.6 90.5 93.2 93.9 94.4 60.5 83.3 87.8 90.8 94.0 95.3 90.7 60.5 83.3 87.8 90.8 94.0 95.4 96.8 60.5 8 | 39.2 47.6 48.6 49.1 49.5 49.6 49.6 49.6 39.6 48.0 48.9 49.5 49.8 49.9 49.9 47.9 41.0 50.5 51.6 52.2 52.5 57.6 52.6 52.6 52.6 42.7 53.5 54.9 55.6 56.0 56.1 56.2 56.2 43.9 55.2 55.2 57.8 58.1 58.1 58.1 58.1 58.1 58.1 58.1 58 | 39.2 47.6 48.6 49.1 49.5 49.6 49.6 49.6 49.6 39.6 48.0 48.9 49.5 49.6 49.9 49.9 47.9 49.9 41.0 50.5 51.6 52.7 52.5 52.6 52.6 52.6 52.6 52.6 41.9 51.8 52.9 53.9 53.9 54.0 54.0 54.0 54.0 54.0 54.0 55.0 55.2 56.7 57.3 57.7 57.8 58.1 58.1 58.1 58.1 58.0 58.0 56.0 56.0 56.8 61.0 01.0 51.0 48.0 60.5 62.9 63.0 63.7 63.8 64.0 04.0 64.0 64.0 64.0 64.0 64.0 64.0 | 39.2 47.6 48.6 49.1 49.5 49.6 49.6 49.6 49.6 49.6 49.6 39.6 48.0 48.9 49.5 49.8 49.9 49.9 47.9 49.9 49.9 49.9 41.0 50.5 51.6 52.2 52.5 52.6 52.6 52.6 52.6 52.6 41.9 51.8 52.9 53.9 53.9 53.9 54.0 54.0 54.0 54.0 54.0 54.0 42.7 53.5 54.9 55.0 56.0 56.1 56.2 56.2 56.2 56.2 46.9 55.2 56.7 57.3 77.8 58.1 58.1 58.1 58.1 58.1 58.0 58.0 59.0 60.2 60.6 60.8 61.0 61.0 61.0 61.0 48.0 60.5 62.4 63.0 63.7 63.8 64.0 64.0 64.0 64.0 64.0 49.9 62.9 64.8 65.6 66.3 66.5 66.7 66.7 66.7 66.7 55.1 67.4 69.8 70.8 71.5 71.6 71.8 72.0 72.0 72.0 72.0 57.1 72.8 75.4 76.7 77.7 77.8 78.1 78.4 78.4 78.4 78.4 59.1 78.5 81.4 82.8 84.1 84.3 84.5 84.8 84.8 84.8 59.8 59.9 80.8 84.0 83.5 84.9 85.3 85.8 85.8 85.8 58.8 59.9 80.8 84.0 86.1 87.8 88.2 88.4 88.8 88.8 88.8 60.1 81.7 85.2 87.8 90.0 90.3 90.0 91.4 91.4 91.4 60.4 82.7 86.9 89.6 91.9 92.3 92.6 93.4 93.4 93.4 93.4 60.5 83.3 87.6 90.5 93.2 93.9 94.4 95.5 95.6 95.6 60.5 83.3 87.6 90.5 93.2 93.9 94.4 95.5 95.6 95.6 60.5 83.3 87.6 90.5 93.2 93.9 94.4 95.5 95.6 95.6 60.5 83.3 87.8 90.8 94.0 95.4 96.8 98.3 98.8 98.9 99.0 60.5 83.3 87.8 90.8 94.0 95.4 96.8 98.3 98.9 9 | 39.2 47.6 48.6 49.1 49.5 49.6 49.6 49.6 49.6 49.6 49.6 39.6 48.0 48.9 49.5 49.6 49.9 49.9 49.9 49.9 49.9 49.9 49.9 | 39.2 47.6 48.6 49.1 49.5 49.6 49.6 49.6 49.6 49.6 49.6 49.6 49.6 | 39.2 47.6 48.6 49.1 49.3 49.6 49.6 49.6 49.6 49.6 49.6 49.6 49.6 | 39.2 47.6 48.6 49.1 49.5 49.6 49.6 49.6 49.6 49.6 49.6 49.6 49.6 | 39.2 47.6 48.6 49.1 49.5 49.6 49.6 49.6 49.6 49.6 49.6 49.6 49.6 |

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

CEILING VERSUS VISIBILITY

13812 RICKENBACKER AFB WH

Name of the Party

47-70,73-78

-1500-1700

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEIUNG | | | | | | | VISI | BILITY (STA | TUTE MILE | 5) | | | | | | |
|----------------------------|--------------|--------------------|----------------------|--------------|--------------|--------------|--------------|----------------------|--------------|--------------|--------------|-------------|--------------|--------------|----------------|----------------------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥21/2 | ≥2 | ≥1% | 214 | ≥1 | ≥ ,• | ≥'• | ≥ '5 | ≥5 16 | ≥ . | ≥0 |
| NO CEILING | 33.8 | 36.0 | 36.2 | 36.2 | 36. | 36.2 | 36.4 | 36.2 | 36.2 | 36.2 | 36.2 | 36. | 36. | 36. | 36. | 36.2 |
| ≥ 18000 ≥ 16000 | 38.2 | | 41.5 | 41.6 | 41.0 | 41.0 | 41.0 | 41.4 | 41.4 | 41.4 | 41.0 | 41.0 | 41.6 | 41.4 | 41.6 | 41.0 |
| ≥ 14000 ≥ 12000 | 40.1 | 43.7 | 43.4 | | 43.5 | 43. | 43. | 43. | 43.7 | 43.5 | 43.5 | 43. | 43. | 43. | 43. | 43• 3 |
| ≥ 10000 ≥ 9000 | 42.7 | 47.4 | 47.1 | 48.6 48.5 | 48.0 | 49.0 48.0 | 46.6 | 48.0 | 48.4 | 48.0 48.6 | 48.0 | 48.0 | 48. | 48.0 | 48. | 48.0 |
| ≥ 8000 ≥ 7000 | 45.1 45.9 | 50 • 1 - 51 • 3 | 50.4 | | 50 • t | | 50.9 52.0 | 50.9 | 50.9 | 50.9 | 50.4 52.4 | 50.9 | 50 • 52 • (| 50.9 52.0 | 50.9 52.0 | 50.9 -5 2. 0 |
| ≥ 6000 ≥ 5000 ≥ 4500 | 47.0 48.3 | 53.4 55.5 | 54.0 56.2 58.6 | 36. | 54.3 56.6 | 54.4 56.7 | 54.4 50.5 | 54.4 56.7 59.6 | 54.4 56.5 | 54.4 56.5 | 54.4 50. | 54.4 56. | 54.4 -56. | 56. | 56. | 54.4 56.7 59.6 |
| ≥ 4000 ≥ 3500 | 52.3 55.5 | 61.2 | 62. | 62. | 63. | 63.2 | 63.3 68.3 | 63.3 | 63.3 | 63.3 | 68.4 | 63.3 | 63 68 | 68.4 | 68. | 63. 68.4 |
| ≥ 3000 | 60.8 | 72. | 74.0 | 74.5 | 75.5 | 76.0 | 76.1 | 76.2 | 76. 81.1 | 76.3 81.1 | 76.: 81. | 76 - 81 - 1 | 76. 81. | 76.2 | 76. | 76 - 1 81 - 1 |
| ≥ 2000 ≥ 1800 | 66.6 | 82.6 | 84.6 | 86. | 87.5 | 87.4 | 88.0 | 88.2 | 88. | 88. | 38.4 | 88.7 | 38. | 80. | 88. | 88+ |
| ≥ 1500 | 66.8 | | | | | 90.2 | 92.4 | 91.3 | 91.3 93.1 | 91.3 | 91.2 | 93.1 | 93. | 93.7 | 93. | 91+7 |
| ≥ 900 | 66.8 | 86.0 | 88.6 | 91.3 | 93.6 | 94.2 | 94.1 | 1 | 94.8 | 94.5 | 95.7 | 95.7 | 75. | 95.8 | | 94.4 95.8 |
| ≥ 800 ≥ 700 ≥ 660 | 66.8 | 86.2 | 88.8 | 91.5 | 94.0 | | 96.7 | 97.5 | 96.8 | 96.9 | | 97. | 97. | | 1 - | 1 - 1 |
| ≥ 500 ≥ 400 | 66.8 | 86.2 | 88.6 | 91.5 | 94. | 95.8 | | 98.9 | 97.7 98.5 | 98.0 | 98.1 | 98. | 99. | 98.4 | 98 99 99 | 98 - 4 |
| 2 300 - 200 | 66.8 | 86.2 | 88.9 | 92.0 | 94.5 | 96.1 | 97.7 | 98.9 | 98.9 | 99.4 | T | 99. | 99. | 7 | 99.9 | |
| 2 100 ≥ 0 | 66.8 | 86.7 | .88.5 | 92.0 | | | | 98.9 | 98.9 | 3 | | | , | 99.9 | | 99.5 |

TOTAL NUMBER OF OBSERVATIONS

0.30

USAF ETAC 10.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13812 RICKENBACKER AFB UH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | | | | | | | VIS | IBILITY (ST | ATUTE MIL | ES) | | | | | | |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|--------------|------------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2⅓ | ≥ 2 | ≥15 | ≥1% | ≥1 | ≥ ′4 | 5,• | ≥', | ≥ 5 16 | ≥ , | ≥0 |
| NO CEILING ≥ 20000 | 36.9 39.6 | 40.1 | 40.1 43.7 | 40.1 43.7 | 40.3 | 40.3 | 40.3 43.9 | 40.3 43.9 | 40.3 | 40.4 | 40.4 | 40.4 | 40.4 | | 40.4 | 46.0 |
| ≥ 18000 ≥ 16000 | 40.3 | 44.4 | 44.4 | 44.4 | 44.0 | 44.6 | 44.6 | 1.177 | 44.6 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44. | 44.7 |
| ≥ 14000 ≥ 12000 | 42.4 | 47.1 | 47.1 49.7 | 47.1 49.7 | 47.4 50.0 | 47.4 50.0 | 47.4 50.0 | 47.4 50.0 | 47.4 50.0 | 47.5 50.1 | 47.5 50.1 | 47.5 50.1 | 47.5 50.1 | 47.5 50.1 | 47.5 50.1 | 47.5 50.1 |
| ≥ 10000 ≥ 9000 | 47.8 48.4 | 53.4 54.1 | 54.1 | 53.4 54.1 | 53.8 54.4 | 53.8 54.4 | 53.8 54.4 | 53.8 54.4 | 53.8 54.4 | 53.9 54.9 | 53.9 54.5 | 53.9 54.5 | 53.9 54.5 | 53.9 56.5 | 53.9 54.5 | 53.9 54.5 |
| ≥ 8000 ≥ 7006 | 51.2 51.9 | 57.6 58.8 | 59.0 | 57.8 59.1 | 58.2 59.5 | 58.7 59.5 | 58.2 59.5 | 58.2 59.5 | 58.2 59.5 | 58.3 59.6 | 58.3 59.0 | 58.3 59.6 | 58.3 59.6 | 58.3 59.6 | 58.3 59.0 | 58•3 -59•6 |
| ≥ 6000 ≥ 5000 | 53.0 54.3 | 62.5 | 62.7 | 61.0 | 61.3 | 63.1 | 61.3 | 61.3 63.3 | 61.3 | 61.4 | 61.4 | 63.4 | 63.4 | 61.4 | 61.4 | 61.4 |
| ≥ 4500 ≥ 4000 | 55.9 58.5 | 66.0 | | | 71.4 | 67.0 71.4 | 67.2 | 71.6 | 67.2 | 67.3 71.7 | 67.3 | 67.3 71.7 | 67.3 | 71.7 | 67.3 | 67.3 |
| ≥ 3500 ≥ 3000 | 63.5 | 73.0 77.4 | | 74.2 79.1 | 80.1 | 74.7 80.2 | 74.9 80.4 | | 74.9 80.4 | 75.1 80.5 | | 75 · 1 | 75.1 80.5 | 75 • 1 80 • 5 | 75.1 80.5 | 75 • 1 80 • 5 |
| ≥ 2500 ≥ 2000 | 66.0 | 80.0 | 81.2 83.7 | 82.5 85.6 | 83.5 87.5 | 83.8 88.1 | 84.0 88.7 | 88.8 | 84.1 88.8 | 84.2 88.9 | | 84.2 | , | 84.2 98.9 | | |
| ≥ 1500 ≥ 1500 | 66.1 | 82.5 | 84.2 85.3 | 86.2 87.5 | 90.5 | 88.8 91.2 | 91.9 | 92.0 | 89.6 92.0 | 92.3 | 89.7 92.5 | 89.7 92.5 | 89.7 92.5 | | 89.7 92.5 | 89•7 92•5 |
| ≥ 1200 | 66.3 | 84.0 84.5 | 86.6 | | 92.9 | | | 95.2 | 94.1 95.2 | 94.4 | 94.8 | 94.8 96.1 | 94.8 96.1 | | 94.8 96.1 | 94.8 96.1 |
| 2 900 3 800 | 66.3 | | 86.9 87.3 | 89.7 90.1 | 93.5 | 94.5 95.1 | 95.6 96.2 | 96.7 | 96.7 | 97.2 | 97.6 | 97.6 | | | | 96.6 |
| ∠ 700 ≥ 600 | 66.3 | | | 90.2 90.3 | | 95.7 | 97.2 | | 97.1 98.1 | 97.6 98.6 | | | | | 98.4 | , , |
| ≥ 500 ≥ 400 | 66.5 | 85.2 | 87.4 | 90.3 | 94.0 | 95.9 | | 98.4 | 98.4 98.4 | 99.0 | 99.8 | | | | | 1 |
| ≥ 300 ≥ 700 | 66.5 | 85.2 | 87.4 | 90.3 | 94.8 | | 97.5 | 98.4 | 98.4 98.4 | 99.0 | 99.8 | 99.9 | 100-0 | 100.0 | 100.0 | 100.0 100.0 |
| ≥ 100 ≥ 0 | 66.5 | | | 90.3 | | | | | 98.4 98.4 | 99.0 99.0 | | | | | | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-2100-2300

| CEILING | | | | | | | VIS | BILITY (ST. | TUTE MILI | ES1 | | | | | | |
|----------------------------|--------------|--------------|------------------|--------------|--------------|----------------------|--------------|---------------|--------------|----------------------|-----------------------|---------------|--------------|------------------|-------|--------------------------|
| FEET | ≥10 | ≥6 | ≥ 5 | ≥ 4 | ≥3 | ≥2"י | ≥ 2 | ≥1% | ≥1¼ | ≥1 | ≥ '• | ≥'• | د ≤ | ≥5 16 | ≥. | ≥0 |
| NO CEILING ≥ 20000 | 39.5 42.0 | 43.0 | 43.0 | | 43.8 | 47.5 | 45.5 | 43.9 | 43.9 47. | 44.0 | 44.0 | 44. | 44. | 44. | 44. | 44. |
| ≥ 18000 ≥ 16000 | 42.2 | 46. | 46. | 46. | 47.5 | 47.0 | 47. | 47. | 47. | 47. | 47. | 47. | 47.4 | 47. | 47. | 47.4 |
| ≥ 14000 ≥ 12000 | 44.0 45.7 | 48.7 | 48.4 50.4 | | 49.0 50.9 | 49.0 50.5 | | 49.2 | 49. | 49.4 53. | 49.4 | 49.4 51. | 49.5 -51. | 49. | 49.: | 49.5 |
| ≥ 10000 | 49.1 49.5 | 53.8 54.4 | 53.8 54.4 | 54.1 | 54.d | 54.5 | 54.4 | -55 | 54.8 | 54. | 54.4 -55.6 | 54.9 -55. | 55. | 55. | 55. | 55•1 |
| ≥ 3000 ≥ 7000 | 51.6 52.7 | 57.6 58.7 | 58. | 58.9 | | 58.5 | 58 · 1 | 58 · 59 · 9 | 58.1 | 58.6 | 58.8 -60.4 | 58.6 -60.4 | 58. | 58.9 -60. | 58. | 58.9 -60. |
| ≥ 6000 ≥ 5000 ≥ 4506 | 53.9 55.2 | 62.5 | 60 • 9 62 • 7 | 62.9 67.7 | 61.4 63.7 | 61.8 63.7 68.9 | 62.6 63.8 | | 62.0 63.9 | 62.2 64.0 | 62.2 -64.4 69.4 | 62.7 | 62. 64. | 62 • 3 64 • 1 | 69. | 62 • 3 - 64 • - |
| ≥ 4000 | 61.6 | | 72.0 | 72.5 | 73.7 | 73.7 | 74.6 | 74.0 | 74.4 | 74.1 | 74.1 | 74.1 76.7 | 74. 76. | 74. | 74. | 74. 76. |
| ≥ 3000 | 65.6 | 77.0 | 78. | 78.6 | 79.9 | | 80.3 | _80.3 83.9 | 80.2 83.9 | _80.4 | _80.4 | 80-4 | 30- | 80 - 84 | 84 | -80 - 9 84 |
| ≥ 2000 | 68.4 | 87.5 | 34.4 | 85.8 | 87.4 | 87.4 | 88.1 88.6 | -68-1 | 88.1 | 88.3 | 88.4 | 88. | 88. | 88.9 | 88.9 | 88-4 |
| 2 1500 | 69.1 | 84.4 | 86.7 | 87.4 | | 20.2 | 93.2 | 91.2 | 93.4 | 91.4 | 91.4 | 91.4 | 91. | 91.5 | 93. | 91.5 |
| ≥ 900 | 69.1 | 86.5 | 88.9 | | | 94.0 | 94.4 | 95.5 | 95.6 | | 95.9 | 95.9 | 96. | 95. | 96.1 | -95•1 96•1 |
| ≥ 800 ≥ 700 ≥ 600 | 69.1 | 86.7 | 89.2 | 3 | 94.8 | 95.4 | 96.7 | 97.1 | 96.7 | 97.6 | | 97.0 | 97. | 98. | 98. | 98 • 1 |
| ≥ 500 ≥ 400 | 69.1 | | 39.4 | 91.4 91.4 | 95.2 95.2 | 95.6 95.7 95.9 | 97.1 | 97.6 97.8 | 97.8 98.1 | 98.2 98.4 98.6 | 98.5 98.5 | 98.7 98.5 | 99. | 98.6 | 98. | 99•1 |
| 2 300 2 200 | 69.1 | 86.8 | 89.4 | | | 96.0 | · | | 98.6 | | 99.1 | 99.7 | 99. | 99.9 | 100.0 | 100 • 0 |
| 2 100 2 0 | 69.1 | 86.8 | 89.4 | | | 96.0 | | | 96.6 | | 99. | 99.7 | | 99.9 | 100.0 | 100-0 |

TOTAL NUMBER OF OBSERVATION

930

USAF ETAC ... 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

| CERING | | | | | | | VIS | IBILITY IST | ATUTE MIL | (ES) | | | | | | |
|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------------|----------------------|--------------|--------------|--------------|---------------|---------------|-----------------------|
| 1661 | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2'5 | ≥ 2 | ≥15 | ≥114 | ≥1 | ≥ 4 | ≥ ′• | ٤. | ≥5 16 | ≥ . | ≥0 |
| ≥ 20000 | 31.9 34.2 | 47.8 41.0 | 38.5 41.8 | 38.9 42.2 | 39.4 42.8 | 39.5 | 3).7 | 39.7 43.2 | 39.7 43.2 | 39.8 | 39.9 | 39.9 | | 39.9 | 39.9 | |
| ≥ 18000 ≥ 16000 | 34.5 | 41.5 | 42.5 42.8 | 42.7 | 43.3 | 43.4 | 43.6 | 43.7 | 43.7 | 43.8 | 43.8 | 43.8 | 43.5 | 43.9 | 43.9 | 44.0 |
| ≥ 14000 ≥ 12000 | 35.9 37.3 | 43.3 | 44.1 | 44.6 | 45.1 | 45.3 | 45.5 | 45.6 | 45.6 47.4 | 45.7 | 45.7 | 45.0 | 45.7 | 45.7 | 45.8 | 7.0 |
| ≥ 10000 ≥ 9000 | 39.5 40.0 | 47.9 | 48.8 | 49.2 | 49.6 | 50.0 50.7 | 50.2 | | 50.3 | 50.3 | 50.4 51.1 | 50.4 | 50.4 | 50.4 | 50.4 | _ |
| ≥ 8000 ≥ 7000 | 42.0 | 51.4 53.1 | 52.4 | 52.H 54.6 | 53.4 | 53.6 55.5 | 53.8 | | 53.9 55.8 | | 54.1 | 51.1 54.1 | 51.1 54.1 | 54.1 | 51.1 54.1 | <u>-51a-</u> 54•3 |
| ≥ 6000 ≥ 5000 | 44.4 | 55.1 57.6 | 58.6 | 56.7 | 57.4 | 57.6 60.3 | 57.6 | 57.9 60.6 | 58.0 60.7 | 58.1 | 55.9 58.1 | 55.9 58.1 | 55.9 50.1 | 58.1 | 58.2 | 56.3 58.3 |
| ≥ 4500 ≤ 4000 | 47.9 | 63.6 | 62.4 | 63.2 | 64.0 | 64.7 | 64.6 | 64.7 | 64.7 | 60.8 64.8 67.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | -61.4 65.4 |
| 2 3500 ≥ 3000 | 51.5 54.0 | 66.3 | 68.U 72.3 | 68.9 73.3 | 59.9 | 70.2 | 70.6 | 70.7 | 70.8 | 70.9 | 57.9 71.0 | 67.9 71.0 | 71.0 | _68.0 71.0 | _68.0 71.0 | |
| ≥ 2500 ≥ 2000 | 56.4 | 73.6 | 76.1 | 77.3 | 78.7 83.8 | 79.1 | 79.6 | 79.8 | 79.9 | | | | 75.8 80.1 | 75.8 80.1 | 75.9 80.1 | 76.0 80.3 |
| ± 1800 ± 1500 | 58.1 58.6 | 78.2 | 80.9 | 82.5 84.7 | 84.5 | 85.1 87.7 | 85.7 88.4 | 86.0 88.7 | 85.3 86.1 88.8 | 86.2 | 86.3 | 85.5 86.3 | 85.5 | 85.5 86.3 | 85.4 | -85•7 86•5 |
| ≤ 1200 ≥ 1000 | 59.0 59.0 | 81.5 | 84.0 | 86.1 | 88.8 | 89.5 | 90.4 | 90.9 | 91.0 | 91.2 | 91.4 | 89.1 91.4 | 91.4 | 91.4 | 91.5 | 91.0 |
| ≥ 900 ≥ 800 | 59.1 59.1 | 81.9 | 85.4 85.7 | 87.8 88.3 | 90.9 | 91.7 | 92.8 | | 93.6 | 93.9 | 94.1 | 93.1 | 93.2 | 94.2 | 93.2 | 94.4 |
| 2 700 2 600 | 59.1 | 82.3 | 85.9 | 88.6 | 92.1 | 93.2 | 94.6 | 95.5 96.2 | 95.7 | | 96.3 | 96.4 | 96.4 | 95.2 | 95.3 | 95.5 96.7 |
| ≥ 500 ≥ 400 | 59.1 59.1 | 82.4 | 86.2 | 89.0 89.0 | 92.7 | 94.0 | 95.7 | 96.9 97.3 | 96.5 | 97.7 | 98.1 | 97.3 98.2 | 98.4 | 97.4 98.4 | 97.4 | 98.6 |
| ≥ 300 ≥ 200 | 59.1 59.1 | 82.4 | 86.2 | 89.0 | 92.8 | 94.2 | 96.0 | 97.3 97.3 | 97.7 97.7 | 98.4 98.4 | 98.9 | 98.P | 99.3 | 99.0 | 99.4 | 99.7 |
| ≥ 100 ≥ 0 | 59.1 | 82.4 82.4 | 86.2 | 89.0 | 92.8 | 94.2 | 96.0 | 97.3 | 97.7 | | 99.0 99.0 | 99.1 99.1 | 99.4 | 99.4 | 99.6 | 99.8 99.6 Lon.0 |

TOTAL NUMBER OF OBSERVATION

7440

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u>-0000-020</u>0

| CEHING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|--------------|--------------|-----------------|--------------|---------------|-------------------|--------|--------------|--------------|----------------------------|---------------|------|--------------|------------------------|---------------------------|
| | > '0 | ٠. | ≥5 | ≥ 4 | ≥3 | ≥2 ′2 | ≥ 2 | ≥1'2 | ≥114 | ≥1 | ≥ 34 | ≥,• | ≥'; | ≥5 16 | ≥ ، | ≥0 |
| NO CEILING ≥ 20000 | 45.3 | 50.7 55.6 | 51.3 56.4 | 56.4 | 51.3 56.4 | 51.3 -56.4 | 51.3 50.9 | -56.4 | 51.3 50. | 51.3 56. | 51.3 | 51.3 56.4 | 51 | -56.4 | ڻ. م.ح د | -54-6 |
| ≥ 18000 ≥ 16000 | 50.5 50.6 | 56.6 57.0 | 57.4 57.7 | 57.4 57.1 | 57.4 | 57.4 57.7 | 57.4 | 57.4 | 57.4 57.7 | 57.4 57.7 | 57.4 -57.7 | 57.4 57.7 | 57.4 | 57.4 -57. | 57.4 57.7 | 57•¢ |
| ≥ 14000 ≥ 12000 | 51.7 53.1 | 58.4 | 59.2 | 59.7 61.0 | 59.2 | 59.7 | 59.2 | 59.7 | 59.2 | 59.2 | 59.2 | 59.2 -61-0 | 59.2 | 59.2 | 59.2 | 59•∳ -61• ₹ |
| ≥ 10 , ≥ 9(•), | 56. | 62.3 | 64.1 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64. | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.6 |
| ≥ 8000 ≥ /000 | 59.8 62.7 | 67.1 | 68.0 | 68.7 | 68. | 68.3 | 68.: 71.:3 | 68.3 | 68.3 | 68.3 | 68.3 | 18. | 68. | 68. | 68.3 | |
| ≥ 6000 ≥ 5000 | 64.0 | 71.9 | 72.7 | 73.1 | 73. | 73.1 | 73.1 | 73•1 | 73.1 | 73.1 76.0 | 73.1 | 73.1 | 73. | 73. 76. | 73. | 73.3 -76.2 |
| ≥ 4500 ≥ 4000 | 68.2 | 77.3 | 78.7 | | 70.5 | 78.5 | 76 • 5 8 2 • 5 | 78 . s | 76 . H2 | 78.5 | و به - د د ځ | 78.5 | 78. | | 78. 82.5 | 78.4 |
| ≥ 3500 ≥ 3000 | 73.2 75.6 | 83.4 | 84.4 | 84.8 | 84.8 | | 84 . 8 Be 8 | | 84.8 | 84.8 | 84.8 | 84.8 | 84.1 | 7 | 84.0 | |
| ≥ 2500 ≥ 2000 | 76.4 | 88.9 | 90.0 | | 90.7 | 20.7 94 | 90.7 | 90.7 | 90.7 | 90 · 7 | 90.7 | 90.7 | 90. | 90. | 90.7 | 9 ; ; |
| ≥ 1800 ≥ 1500 | 78.2 | 92.8 | 94.0 | | 95.0 | 95.0 97.4 | | | 95.2 | 95.2 | 95.2 | 95.2 | 95. | 95.2 | 95.2 | 95•4 |
| ≥ 1200 ≥ 1000 | 79.3 | 95.1 | 97.2 | 97.5 | | 98.4 | 98.9 | 98.9 | 98.9 | 98.9 | 1 | 98.9 | 98.0 | | 98.4 | 99.1 |
| ≥ 900 ≥ 800 | 79.3 | 95.8 | 97.2 | 98. | 98.0 | | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99. | 99.1 | 99. | 99.3 |
| ≥ /00 ≥ 600 | 79.3 | | 97.6 | 1,8,0 | 98.9 | 99.1 | 99.6 | | 99.6 | 99.6 | | 99.6 | 99.0 | | | |
| ≥ 500 ≥ 400 | 79.3 | | 97.6 | 98.4 | | 99.1 | 99.6 | 99.6 | 99.6 | | | 99.6 | | | 99.6 | |
| 2 300 2 200 | 79.3 | 96.2 | 97.7 | 98. | 99. | 99.3 | 99.6 | 99.8 | 99.8 | | 99.8 | 99.8 | 99.1 | 99.6 | 99.8 | 100-0 |
| ≥ 100 ≥ 0 | 79.3 | 96.2 | 97.7 | · · · · · · · · | , | 99.3 | 99.8 | 9908 | 99.8 | 99.8 | | 99.5 | 99. | 99. | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

999

USAF STAC 0004 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSCIETE

CEILING VERSUS VISIBILITY

13812 RICKENPACKER AFB UH

27-70,73-78

APR_

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

| CEILING | | | • | | | | VIS | BILITY (ST. | ATUTE MIL | ES) | | | | | | |
|-----------------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|--------------|------------------|--------------|--------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥ 4 | ≥3 | ≥212 | ≥2 | ≥1% | ≥114 | ≥1 | ≥ '• | ≥'• | ≥', | ≥ 5 16 | ≥ . | ≥0 |
| NO CEILING ≥ 20000 | 41.7 | 47.8 51.7 | 48.6 52.6 | 49.0 53.3 | 49.2 53.6 | | 49.4 | 49.4 53.8 | 49.4 | 49.8 54.1 | 49.8 | 49.5 | 50.1 54.4 | 50 • 1 54 • 4 | 50.3 | 50.4 54.0 |
| ≥ 18000 ≥ 16000 | 46.2 | 53.0 | 53.4 54.1 | 54.0 54.7 | 54.9 | 54.3 55.0 | 54.4 55.1 | 54.4 | 54.4 | 54.8 55.4 | 54 . d | 54.8 | 55.1 | 55.1 | 55.3 56.0 | 55.4 |
| ≥ 14000 ≥ 12000 | 48.0 49.3 | 54.2 55.8 | | 55.9 57.4 | 56.1 | 56.2 57.8 | 56.3 57.9 | 56.3 57.9 | 56.3 57.9 | 56.7 58.2 | 56.7 | 56.7 | 57.0 | 57.0 | 57.2 58.0 | 57. |
| ≥ 10000 | 51.9 52.8 | 58.8 59.8 | | 60.6 | 61.8 | 60.9 | 61.0 62.0 | 61.0 | 61.0 | 61.3 | 61.3 | 61.3 | 61.7 | 61.7 | 61.9 | 62.9 |
| ≥ 8000 ≥ 7000 | 56.0 57.8 | | 64.7 67.0 | 67.9 | 65.9 | 66.0 68.7 | 56.1 68.8 | 66.1 | 68.8 | 66.4 69.1 | 66.4 | 66.4 | 66.8 | 66.8 | 67.0 69.7 | 67.1 |
| ≥ 6000 ≥ 5000 | 59.2 | 70.6 | 69.2 71.9 | 70 • 1 72 • 8 | 70.8 73.4 | 73.6 | 71.0 73.7 | 71.0 73.7 | 71.0 73.7 | 71.3 74.0 | 71.3 | 71.3 | 71.7 | 71.7 | 71.9 74.6 | 72.0 |
| ≥ 4500 ≥ 4000 | 62.6 65.1 | 76.1 | 74.4 77.4 | 75.3 78.3 | 76.0 79.0 | 79.1 | 76.2 | 76.2 79.2 | 76.2 | 76.6 79.6 | 76.6 | 76.6 | 76.9 | 76.9 | 77.1 | 77.2 |
| ≥ 3500 ≥ 3000 | 66.7 | 78.1 81.0 | 79.4 82.4 | 80.3 83.6 | 81.0 84.2 | 81.1 84.3 | 81.2 84.4 | | 81.2 84.4 | 81.6 84.8 | | 81.5 | 81.9 85.1 | 81.9 | 82.1 | 82.2 |
| ≥ 2500 ≥ 2000 | 70.8 | 87.6 | 89.6 | 86.9 90.8 | 87.6 91.4 | 87.7 91.6 | 87.8 91.7 | | 87.8 91.7 | 88.1 92.0 | 88.1 92.0 | 88 • 1 92 • 0 | 88.4 | 88.4 92.3 | 88.7 92.0 | 88.4 |
| ≥ 1800 ≥ 1500 | 73.4 | 88.3 90.0 | | 91.6 93.3 | 92.2 | 94.7 | 92.4 | | 92.4 | 92.8 96.8 | 92.8 94.8 | 92.8 | 93•1 95•1 | 93 • 1 95 • 1 | 93.3 95.3 | 93.4 |
| ≥ 1200 ≥ 1000 | 74.6 74.8 | 92.1 | 93.7 | 95.1 96.0 | 95.9 96.8 | 96.9 | 96.4 | 96.4 | 96.4 | 96.9 97.8 | | 96.8 | 97.1 98.1 | 97.1 98.1 | 97.3 98.3 | 97•4 98•4 |
| ≥ 900 ≥ | 74.9 | 92.3 | 94.8 94.8 | 96.2 | 97.2 97.3 | | 97.8 98.0 | | 97.9 98.1 | 98.4 | 98.4 | 98 • 2 98 • 4 | 98.6 98.8 | 98.6 98.8 | 98.8 99.0 | 98•9 99•1 |
| ≥ 700 ≥ 600 | 75.0 75.1 | 92.4 | | 96.4 | | 97.9 | | | 98.4 98.6 | 98.9 | 98.9 | 98.8 98.9 | 99.1 | 99.1 | 99.3 | 99.4 |
| ≥ 500 ≥ 400 | 75.1 75.1 | 92.6 | 95.1 | 96.6 | 97.9 | 98.0 | ≎3.6 | 98.6 | 98.7 98.8 | 99.1 | 79.1 | 99.0 99.1 | 99.4 | 99.3 | 99.6 | 99.7 |
| ≥ 300 ≥ 700 | 75.1 75.1 | 92.6 | | 96.7 | 97.9 | 98.0 | | 98.6 | 98.8 98.8 | 99.1 | 99.1 | 99.1 99.1 | 99.4 99.4 | 99.4 | 99.7 | 99.8 |
| \$ 100 | 75.1 75.1 | 92.6 92.6 | | 96.7 | 97.9 97.9 | 98.0 98.0 | 98.6 98.6 | | 98.8 98.8 | | 99.1 99.1 | 99.1 99.1 | 99.4 | 99.4 | 99.7 | 6.66 |

TOTAL NUMBER OF OBSERVATION

900

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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C

4

CEILING VERSUS VISIBILITY

13812 RICKENPACKER AFIL THE 17-70,73-78

PERCENTAGE FREQUENCY OF OCCURRENCE -0600-0800 (FROM HOURLY OBSERVATIONS)

| CEILING | | | | | | | VIo | BILITY (STA | TUTE MILE | (\$) | | | | | | |
|-----------------------|--------------|--------------|---------------|--------------|----------------|---------------|----------------------------|--------------|---------------|---------------|------|---------------|--------|--------------------|--------------|---------------------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥ 4 | ≥3 | ≥2'> | ≥ 2 | ≥1% | ≥1% | ≥1 | ≥ ¼ | 5,1 | ≥ 12 | ≥ 5 16 | ≥ , | ≥0 |
| NO CEILING ≥ 20000 | 26.6 29. | 40.0 | 42.2 | 43. 46. | 44. | 44. | 45.0 | 45.0 | 45. | 45.1 | 45.2 | 45. | 45. | 45. 49. | 45. | 45,9 |
| ≥ 18000 ≥ 16000 | 29.0 | 44.9 | 460 | 47.4 | 48.7 | 48. | 49.3 | 49.4 | 49. | 49. | 49. | 49.9 -50-4 | 49. | 49.9 | 49. | 50 · • |
| ≥ 14000 ≥ 12000 | 31.7 | 46.3 48.8 | 48.7 | 49.8 | 51.0 | 51.0 53.0 | 51. 54. | 51.6 | 52.0 | 52.0 | 52. | 52 · 1 | 52 · 1 | 52 • 2 - 54 • 1 | 52.2 -54. | 52.8 |
| ≥ 10000 | 36.3 36.7 | 52.6 53.1 | 55.6 -56.4 | 56.6 57.4 | 58.2 | 58. 58.9 | 58.5 | 59.0 | 59.2 | 59.5 | 59.3 | 59. | 59. | 59 | 59. | 60.0 |
| ≥ 8000 ≥ 7000 | 38.0 40.0 | 56.7 | 59.4 62.4 | 63. | 62.2 | 67.2 -65.4 | 62.9 - 66. 1 | 63.0 | 63.2 | 63.2 | 63. | 63 | 63. | 63.4 | 63.4 | 67.3 |
| ≥ 6000 ≥ 5000 | 40.9 | 60.9 | 64.3 | 68.6 | | 67.6 | 68. | 68.4 | 68.7 | 68.7 | 68.8 | 68 · F | 68.4 | 68.9 | 68. | 69.4 |
| ≥ 4500 ≥ 4000 | 43.0 | 65.1 67.1 | 69.1 71.1 | 70.9 | 72.8 | 73.1 _75.5 | 73.5 _76.7 | 74.0 | 74.2 | 74.2 | 74. | 74.3 | 74. | 74.4 | 74.4 | 75.0 |
| ≥ 3500 ≥ 3000 | 45.1 47.2 | 68.8 | 73.0 | 79.4 | 77.0 | 77,9 _81.8 | 76.7 | 78.8 82.8 | 79.0 83.0 | 79.0 83.0 | 79.1 | 79.1 83.1 | 79. | 79.7 | 79. | 79.8 |
| ≥ 2500 ≥ 2000 | 48.3 50.6 | 74.7 | 79.7 | 82.1 85.9 | -44-64 | 84.8 | 85.7 90.4 | 85.8 | 86.0 | 91.1 | 86. | 86.3 | 86. | 86.4 | 86.4 | 87.0 |
| ≥ 1800 ≥ 1500 | 50.8 51.4 | 78.2 79.4 | 83.7 85.0 | 86.3 87.7 | 89.2 90.6 | 90.0 91.4 | 91.0 91.4 | 91.1 | 91•3 -92•9 | 91.6 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 | 92.3 |
| ≥ 1700 | 51.9 52.3 | 80.9 | 86.8 87.4 | 90.6 | | 93.4 | 94.4 | 94.7 95.8 | 94.9 -96.0 | 95.1 | 95•2 | 95.2 -96.2 | 95.4 | 95 • 3 _96 • 4 | 95.3 | 95.9 -97.0 |
| ≥ 900 ≥ 800 | 52.3 52.3 | 81.4 61.4 | 87.4 87.6 | 90.9 | | 94.8 95.0 | | 96.3 | 96.6 | 96.4 _96.8 | 96.9 | -96+3 | 96.5 | 97.0 | 96.7 | 97•2 -97•6 |
| ≥ 700 ≥ 600 | 52.4 52.4 | 81.7 81.8 | 97.9 88.0 | 91.4 | 94.6 | 95.4 95.7 | 96.6 | 97.3 | 97.0 97.6 | 97.2 | 98.0 | 97.3 _98.0 | 97.3 | 97.4 | 98.1 | 98•0 -98• 7 |
| ≥ 500 ≥ 400 | 52.4 | | 88.0 08.0 | 91.4 | والمحافظ بيكست | | | | 97.7 | 28.0 | 98.1 | 98-1 | 98.1 | 98+2 | 98.1 | 98•7 -98•8 |
| ≥ 300 ≥ 2√0 | | 81.8 | 88.0 3.88 | 21.4 | 94.9 | 95.8 | 97.0 | 97.4 | 97.7 | 98.0 98.1 | 98.3 | 98•3 -98•4 | 98.4 | 98.8 | 98.4 | 99+6 |
| ≥ 100 | 52.4 52.4 | 81.8 81.8 | | 1 | | 95.8 95.8 | | | 97•7 97•7 | 98.1 | 98.3 | 98.4 | 98.6 | 98.9 | | 100-0 |

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC 17.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRETE

CEILING VERSUS VISIBILITY

RICKENBACKER AFB UH

67-70-73-78

APR -0200=1100

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEIHNG ≥ 5 16 47. 51. 47. 48. 48.3 48.4 NO CEILING 46. 48.4 48. 48. 48.4 34.5 48. 48.4 48. 48. 48 . 36.8 49. 50. <u>51.</u> 51. 51 51. ≥ 18000 ≥ 16000 49. 51.4 51.8 51. 51. 51.8 51.8 51. 51.8 51.8 51.8 51. 51.4 51.4 51. 51. 53.3 53.4 53.4 53.5 53.5 53. 53.5 53. 53.5 53. ≥ 14000 ≥ 12000 53. 55.3 55.5 55.4 55.7 55.7 55.8 55.8 55.4 55.1 55.4 55.8 55.8 55.8 55. 57.1 57.5 56.4 57. 57. 57.6 57. 57.6 57. ≥ 10000 ≥ 9000 58. 60.1 60.3 60.5 00.6 60.7 60.8 8.00 60.7 60.4 60.8 60.8 60.8 62.4 60. 59. 60.6 61.1 61.7 61.4 61.5 61.5 61.4 61. 61. ≥ 8000 ≥ 7000 63.0 63.3 63.3 64.1 01. 63.5 63.4 64.0 64.0 64.1 64.1 64. 64. 64.1 64.1 65.6 44.8 62.7 65.3 65.6 65.7 توجف 65. <u>65.</u> 65. 66.1 66.6 66.9 67.9 68.6 68.9 67.0 67.3 67.4 67.5 67.5 67.9 69.0 69.3 69.4 69.5 69.5 69.5 ≥ 6000 ≥ 5000 64.2 67.5 67. 67. 4 67.5 67. 65.7 69.5 69.5 69.4 69.5 69. 69.6 70.4 72.0 72.0 47.8 67.2 70.7 71.3 71.6 71.9 72.0 72.0 72.0 72.0 4500 72.0 ≥ 4500 ≥ 4000 72.0 69.2 73.d 73.0 74.3 74.0 75.0 77.6 75.1 75.0 ≥ 3500 ≥ 3000 2500 ≥ 2500 > 2000 1800 1500 1200 900 800 700 2. ≥ 2 300

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13812 RICKENPACKER AFBUH

-1200-1400

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | | | | | | | VIS | IBILITY (ST. | ATUTE MIL | ESI | | | | | · | |
|-------------------------|--------------|----------------------|--------------|----------------------|-------------------|----------------------|------------------|--------------|--------------|----------------|----------------|----------------------------|--------------|---------------|-------------|---------------|
| 1661 | ≥ 10 | ≥6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥2'ז | ≥ 2 | ≥1 2 | ≥1¼ | ≥1 | ≥ 1, | ≥ ,• | ≥', | ≥5 16 | ≥. | ≥0 |
| NO CEILING ≥ 20000 | 41.2 46.0 | 47.0 | 47.0 | 47. 53.4 | 47. | 47.1 53.4 | 47. 53. | 47. | 47. | 47. | 47. | 47. | 47. | 47. | 47. | 47. |
| ≥ 18000 ≥ 16000 | 46.4 | 53. | 54 55.0 | 54.4 55 | 54.4 55. | 54.4 55.1 | 54.4 55 | 54. 55. | 54.4 55. | 54. 55. | 54. 55. | 54. 55. | 54. 55 | 54. | 54. | 54 |
| ≥ 14000 ≥ 12000 | 48.0 | 55. 57. | 56. | 56.4 58.7 | 56.4 58. | 56. 58. | 56 • 4 58 • 7 | 56.4 58. | 56 58 | 56. 58. | 56.4 58. | 56. 58. | 56. 58. | 56. 58 | 56. 58. | 56 -68 |
| ≥ 10000 ≥ 9000 | 50.8 51.9 | 50.7 | 60. | 60.4 | 60.4 | 6' . | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60. | 60 |
| ≥ 8000 ≥ 7000 | 52.8 54.4 | 67.4 | 63.2 | 63.7 | 63.7 | 65.6 | 63. 65.6 | 65.6 | 63. | 63. 65. | 63. | 63. | 63. | 63. | 63. _65. | 63 • -65 • |
| ≥ 5000 ≥ 5000 | 55.4 56.4 | 65.7 | 66.6 | 67.1 68. | 67. | 67.1 | 67.1 68.4 | 67.1 | 67.1 | 67.1 68.8 | 67.1 | 67.1 -68 | 67. | 67. | 67. 68 | 67 |
| ≥ 4500 ≥ 4000 | 57.6 59.1 | 68.4 -79.1 | 69.8 71.8 | 70.1 72.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70•3 | 70. | 70 • : | 70.3 | | 70.3 | 70•- |
| ≥ 3500 ≥ 3000 | 60.8 | 71.9 76.6 | 73.6 | 79.2 | 74 • 3 _79 • 4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74. | 74.4 | 74.4 | 74.4 79 | 74.4 |
| ≥ 2500 ≥ 2000 | 69.6 | გე∙ გ გ4• გ | 83.2 87.4 | 84.1 98.4 | 84 • ¢ | 84.7 89.0 | 89.0 | 84.7 89.0 | 84.7 | 84.8 | 84.1 | 84.8 | 84.E | 84.8 | 84.6 89 | |
| ≥ 1800 ≥ 1500 | 69.9 | 85.6 | 91.2 | 89.4 92.3 | 90.0 | 90.7 93.3 | 90.2 | 90.2 | 90.2 | 90.3 93.6 | 90.3 | 90.7 | 90.2 93.6 | 90.3 | 90.3 | |
| ≥ 1200 | 72.4 | 90.0 | | 94.7 95.4 | 95.0 | 96.0 97.2 | 96•3 97•8 | 96•3 | 96•3 97•8 | 96.6 98.0 | 96.6 98.6 | 96.6 | 96.6 98.0 | 96•6 _38•6 | | 96.0 |
| ≥ 900 ≥ 800 ≥ 700 | 72.4 | 90.1 90.4 | 94.2 | 95.7 96.3 | 96.6 97.2 | 97.4 98.2 | 98•0 -98•8 | 98.9 | 98.0 98.9 | | 98.2 99.1 | 98.7 | 98.2 | 98.2 | 98.2 | |
| 2 700 2 600 | 72.4 | 90.4 | 94.7 | 96.3 96.7 | 97.2 97.4 | 98.2 98.6 | 98.8 | 99.0 99.3 | 99.0 | 99.2 99.5 | 99.2 | 99.7 | 99.2 | 99.2 | 99.2 | 99•2 |
| | 72.4 | 90.7 90.7 90.8 | 95.0 95.0 | 96.7 96.7 96.8 | 97.7 97.7 | 98.7 98.7 | 99.3 | 99.6 | 99.6 | 99.8 | 99.9 | -92-9 | 99.9 | 99.9 | 99.9 | -29-9 |
| 2 200 - 2 100 | 72.4 | 90.8 | 95.1 95.1 | 96.8 96.8 | 97.8 97.8 | 98.8 93.8 98.8 | 99.4 | 99.7 | 99.7 99.7 | _ <u> 72•3</u> | 100 · d | 100-4 | 100.0 | 100.0 | 100.0 | 100-0 |
| 2 0 | 72.4 | 90.8 | 25.1 | 20.1 | 97. | 98.8 | 99.4 | 99.7 | 99.7 99.7 | 99.9 | 190.0 100.0 | 100•0 100• 0 | 100.0 | 100.d | 100.0 | 100•0 |

TOTAL NUMBER OF OBSERVATIONS

900

CEILING VERSUS VISIBILITY

13812 RICKENBACKER AFB UH

67-70,73-78

— APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

| CEIUNG | | | | | | | VIS | BILITY (ST. | ATUTE MIL | ESI | | | | | - | |
|-----------------------|--------------|--------------|--------------|--------------|--------------|------------------|--------------|----------------|----------------|----------------|----------------|------------------|------------------|----------------|---------------|------------------|
| FEE | ≥10 | ≥6 | ≥5 | ≥ 4 | ≥3 | ≥2% | ≥ 2 | 217 | ≥114 | ≥1 | ≥ ¼ | ≥,• | ≥ % | ≥ 5 16 | ۶. | ≥0 |
| NO CEILING ≥ 20000 | 41.6 50.0 | 44.0 53.1 | 44.6 53.8 | 44.6 53.8 | 44.6 53.8 | 44.6 53.0 | 44.6 53. | , ć • 8 | ' | | 44.6 53.8 | 44.6 53.8 | 44.6 | 44.6 53.8 | | • • • |
| ≥ 18000 ≥ 16000 | 50.4 51.0 | 53.6 54.2 | 54.2 54.9 | 54.2 54.9 | 54.2 54.9 | 54.7 | 54.5 | 54.9 | 54.2 54.9 | 54.2 54.9 | 54.2 54.9 | 54.7 | 54.4 | 54.7 54.9 | 54.2 | .4.2 54.9 |
| ≥ 14000 ≥ 12000 | 52.2 53.9 | 55.6 57.4 | 56.2 58.1 | 56.7 58.1 | 56.2 58.1 | 56.2 58.1 | 56.2 58.1 | 56.2 58.1 | 56.2 58.1 | 56.2 58.1 | 56.2 58.1 | 56.7 58.1 | 56.2 58.1 | | 56.2 58.1 | 56.2 |
| ≥ 10000 ≥ 9000 | 55.2 50.3 | 59,6 60.9 | 61.6 | 61.6 | 61.6 | 60.7 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 61.6 | 60.2 | 61.0 |
| ≥ 8000 ≥ 7000 | 57.2 58.7 | 67.3 | 63.3 65.3 | 63.4 | 63.4 | 63.4 | 65.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| ≥ 6000 ≥ 5000 | 59.9 61.6 | 69.2 | | 66.9 70.3 | 66.9 70.3 | 70.3 | 70.3 | 66.9 70.3 | 66.9 70.3 | 66.9 70.3 | 66.9 | 66.9 | 66.9 70.3 | 66.9 | 66.9 70.3 | 66 • 9 70 • 3 |
| ≥ 4500 ≥ 4000 | 64.2 67.1 | 75.9 | 73.6 | 73.9 77.1 | 73.9 77.2 | 73.9 | 73.9 | 73.9 | 73.9 77.3 | | 73.9 77.3 | 73.9 | 73.9 | 73.9 | 73.9 | 73.4 |
| ≥ 3500 ≥ 3000 | 68.2 72.2 | | 84.1 | 78.9 84.6 | 79.0 84.7 | 79 • 1 84 • 9 | 79.1 84.9 | 79.1 85.0 | 79.1 85.0 | 79.1 85.0 | 79.1 85.0 | 79 • 1 85 • 0 | 79.1 85.0 | 79.1 85.0 | 79.1 85.d | 79 • 1 85 • 0 |
| ≥ 2500 ≥ 2000 | 75.1 70.4 | 89.4 | | 89.8 92.4 | 90•1 93•0 | 90 • 3 93 • 2 | 90.3 | 90.4 | 90·4 93·3 | 90.4 93.3 | 90·4 93·3 | 90.4 | 90 • 4 93 • 3 | 90.4 93.3 | 90.4 | 90.4 |
| ≥ 1800 ≥ 1500 | 76.8 77.7 | 92.6 | | 95.6 | 93.7 96.6 | 93.9 | 96.9 | 94.0 | 94.0 97.0 | 94.0 97.0 | 94.0 | 94.0 | 94.0 | 94.d 97.0 | 94.0 97.0 | 94•0 97•0 |
| ≥ 1200 ≥ 1000 | 77.9 | 93.6 | 96.2 | 97.3 | 97•8 98•3 | 98.6 | 98.1 98.7 | 98.2 | 98•2 98•9 | 98.2 98.9 | 98.2 98.9 | 78.2 98.9 | 98 • 2 98 • 9 | 98.2 98.9 | 98.2 98.9 | 98•2 98•9 |
| ≥ 900 ≥ 800 | 78.0 78.0 | 94.1 | 96.6 | 97.7 | 98.8 | 99.0 | 99.1 | 99•2 99•4 | 99•2 99•4 | 99.2 99.4 | 99.4 | 99.4 | 99.2 | 99.2 99.4 | 99.2 99.4 | 99.4 |
| ≥ 700 ≥ 600 | 78.0 76.0 | 94.1 | 96.6 | 97.7 | | 99.0 | | 99•4 99•7 | 99.4 99.7 | 99.4 99.7 | 99.4 | 99.4 | 99.4 99.7 | 99.4 99.7 | 99.4 -99.7 | 99.4 |
| ≥ 500 ≥ 400 | 78.0 | 94.1 | 96•7 96•7 | 97.8 97.8 | 98.9 | 99.2 | | 99.9 100.0 | | 100.0 | | | | 100.0 | | |
| ≥ 300 ≥ 200 | 78.0 | 94.1 | 96.7 | 97.8 | 98.9 | 99.2 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 100.0 | 100.0 | 100.0 |
| 2 100 2 0 | 78.0 78.0 | 94.1 | 96.7 | 97.8 97.8 | 1 | 99.2 99.2 | | 100•0 100•0 | 100•0 100•0 | 100.0 100.0 | 100.0 100.0 | | | 100.0 100.0 | | |

TOTAL NUMBER OF OBSERVATIONS

903

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

90

CEILING VERSUS VISIBILITY

13812 RICKENRACKER AFB UH

: 7-70. 73-78

-1800-5000

PERC ..TAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| | | | | | | | | | | | | | | | | |
|-----------------------|--------------|--------------|------------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|--------------|--------------|-------|
| CEILING | | | | | | | VI5 | BILITY IST | ATUTE MILI | ES1 | | | | | | |
| FFE1 | ≥10 | ≥ 6 | ≥5 | ≥ 4 | ≥3 | ≥2'2 | ≥ 2 | ≥1/2 | ≥1¼ | اي | ≥ 1.4 | >,∗ | ≥', | ≥5 16 | ٠. | ≥0 |
| NO CEILING 2 20000 | 46.1 53.0 | 48.0 | 48.1 | 46.1 55.4 | 48. | 48.1 | 48 · | 48. | 48. | 48 · 1 | 48. | 48. | 48. 55. | 48. | 48. 55. | 48. |
| ≥ 18000 ≥ 16000 | 53.7 | 56.0 55.4 | 56.2 56.7 | 56.2 56.7 | 56.2 56. | 56 .2 56 | 50•2 | 56. | 56.2 56. | 56.2 | 56. | 56.2 | 56. 56. | 56 · 1 | 56. | |
| ≥ 14000 ≥ 12000 | 55.2 57.8 | 57.9 | 58.1 | 58.1 | 58. | 58.1 | 58•1 | 58.1 | 58.1 | 58 d | 58. | 58. | 58. | 58. | 58. | 58 |
| ≥ 10000 ≥ 9000 | 60.7 | 64.1 | 65. | 64.4 | 64.7 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64. | 64.4 |
| ≥ 8000 ≥ 7000 | 63.2 | 67.3 | 67.5 | 67.8 | 67.1 | 67.1 | 67.8 69. | 67.8 | 67.8 | 67.8 69.1 | 67.6 | 67. | 67.6 | 67.8 | 67.4 | 67.3 |
| ≥ 6000 ≥ 5000 | 65.1 | 70.7 | 71.1 74.0 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71. | 71. | 71. | 71. 74. | 71. | 71 • 1 74 | 71. |
| ≥ 4500 ≤ 4000 | 69.3 | 77.7 80.2 | 78 • 1 81 • 2 | 78.7 81.4 | 78 • 2 81 • 4 | 78.7 | 78•2 | 78.2 | 78 • 2 | 78.2 81.6 | 78.2 | 78.2 81.4 | 78. | 78 • 2 81 | 78. 81. | 78.2 |
| ≥ 3500 ≥ 3000 | 73.3 76.0 | 82.0 85.6 | 83.1 | 83.7 86.8 | 80.1 | 83.2 | 2.ز8 87.1 | 53.3 | 83.3 | 83.2 | 83.3 | 83.3 | 87. | 82.3 | 83. 87 | 83.3 |
| ≥ 2500 ≥ 2000 | 76.4 | 87.1 90.4 | 88.3 92.6 | | 93.4 | 89.0 | 89.3 | 89.4 | 89.4 | 89.4 94.1 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | |
| ≥ 1800 ≥ 1500 | 78.1 78.6 | 90.9 | 93.0 | | 93.9 | 94.1 | 94.4 | | 94.6 | 94.6 | 94.0 | 94.6 | 94.6 | 94.6 | 94.6 | |
| ≥ 1200 ≥ 1000 | 78.6 | 93.F | 96.4 | 97.1 97.2 | 97.4 | 97.8 97.9 | | 98.4 98.8 | 98.4 98.8 | 98.4 98.8 | 98.4 98.4 | 98.4 | 98.4 | 98.4 | 98.4 98.4 | 98.4 |
| ≥ 900 ≥ 800 | 78.8 78.8 | 94.1 | 96.7 | 97.4 97.6 | 97.6 | | 98.6 98.5 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 700 ≥ 600 | 78.8 70.8 | 94.1 | 96•7 96•7 | 97.6 97.6 | 98•0 | 98.3 | 99.0 | | 99.6 | 99.6 | 99.4 | 99.6 | 99.0 | 99 | 99. | 99.7 |
| ≥ 500 ≥ 400 | 78.8 78.8 | 94.2 | 96.8 | | 98 · 1 | 98.4 98.4 | | 99.9 | | | | 99.9 | | | 100.0 | 100.0 |
| ≥ 300 ≥ 200 | 78.8 78.8 | 94.7 | 96.8 96.8 | | 98 · 1 | 98.4 98.4 | | 99.9 | | | | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 ≥ 0 | 78.8 78.8 | 94.2 | 96.8 | | 98 • 1 98 • 1 | 98.4 | | 99.9 | 99.9 | | | 99.9 | | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS

90

USAF ETAC 12:64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

13812

RICKENRACKER AFB UH

67-70,73-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING | | | | | | | VIS | BILITY (ST | ATUTE MIL | ES) | | | | | | |
|----------------------------|----------------------|--------------|--------------|--------------|--------------|----------------------|----------------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------------|-----------------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2. | ≥2 | ≥17 | ≥1% | ≥1 | ≥ 14 | ≥ ′• | ≥ "/ | ≥5 16 | ≥ . | ≥0 |
| NO CEILING 2 20000 | 47.4 52.3 | 50.6 55.9 | 50.7 56.0 | 50.7 56.0 | 50.7 56.0 | 50.7 56.0 | 56.0 | 50.7 56.0 | 50.7 56.0 | 50.7 56.0 | 50.7 | 50.7 | 50.7 | 50.7 56.0 | 50.7 | 50 • 7 56 • 0 |
| ≥ 18000 ≥ 16000 | 53.9 54.7 | 57.5 58.4 | 57.6 58.5 | 57.6 58.5 | 57.0 58.5 | 57.6 58.5 | 57.6 58. 5 | 57.6 58.5 | 57.6 58.5 | 57.6 58.5 | 57.6 58.5 | 57.6 58.5 | 57.6 58.5 | 57.6 58.5 | | |
| ≥ 14000 ≥ 12000 | 56.3 57.5 | 61.7 | 60.5 | 60.5 | 61.8 | 60.5 | 60.5 61.8 | 60.5 | 60.5 | 60.5 61.8 | 60.5 | 60.5 | 50.5 61.8 | 60.5 | 60.5 | 60.5 |
| ≥ 10000 ≥ 9000 | 59.7 | 65.0 | 64.5 | 65.1 | 65.1 | 64.5 65.1 | 64.5 | 64.5 | 64.5 | 64.5 65.1 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 65.1 | 64.5 |
| ≥ 8000 ≥ 7000 | 62.1 | 67.0 | 67.1 69.2 | 69.2 | 67.1 | 69.2 | 67.1 69.2 | 67.1 | 67.1 | 67.1 69.2 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 69.2 | 67 · 1 |
| ≥ 6000 ≥ 5000 | 65.6 | 71.4 | 71.4 | 74.9 | 71.5 74.9 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 74.9 | 71.5 |
| ≥ 4500 ≥ 4900 | 69.5 72.5 | 81.5 | 78.0 81.5 | 78.0 82.0 | 78.0 82.0 | 78.0 82.0 | 78.0 82.0 | 78.0 82.1 | 78.0 82.1 | 78.0 82.1 | 78.0 82.1 | 78.d 82.1 | 78.d 82.1 | 78.0 82.1 | 78.0 82.1 | 78.0 |
| ≥ 3500 ≥ 3000 | 73.7 75.4 77.4 | 83.9 | 84.2 | 87.0 | 84.3 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 87.3 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 2500 ≥ 2000 ≥ 1800 | 78.8 | 92.3 92.8 | 90.3 | 90.4 | 90.6 | 90.8 | 94.1 | 91.0 94.2 | 91.d 94.2 | 91.d 94.2 | 91.0 94.4 | 91.0 | 91.0 | 91.0 94.2 | 91.0 94.2 | 91•0 <u>-94•</u> 2 |
| ≥ 1500 ≥ 1500 ≥ 1200 | 79.7 | 94.5 | 93.4 95.5 | 93.9 96.1 | 94.4 96.8 | 94.4 96.9 98.1 | 94.7 | 94.8 | 94.8 | 94.8 | 94.4 | 94.8 | 94.8 | 94.6 | 94.8 | 94•8 97•7 |
| ≥ 1000 ≥ 900 | 79.8 | 95.9 | 97.0 | 97.6 | 98.2 | 98.4 | 98.7 | 98.9 99.3 99.6 | 98.9 99.3 | 98.9 99.3 | 98.9 | 98.9 | 98.9 | 98.9 99.3 | 98.9 99.3 | 98.9 |
| 2 800 | 80.1 | 96.2 | 97.3 | 97.9 | 98.7 | 98.8 | | 99.8 | 99.6 99.8 | 99.8 | 99.6 99.8 | 99.8 | 99.6 99.8 | 99.6 99.8 | 99.0 99.0 | 99.6 |
| ≥ 500 | 80.1 | 96.3 | 97.6 | 98.1 | 98.8 | 99.0 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | roco-d | | 100.0 | 100.0 | |
| ≥ 400 ≥ 300 | 80.1 | 96.3 | 97.6 | 98.1 | 98.8 | 99.0 | 99.8 | 100.0 | 100 · d | 100.0 | 100.d | 100.0 | 100.α | 100.d | 100.0 100.0 100.0 | 100.d |
| ± 200 ± 100 | 80.1 | 96.3 | 97.6 97.6 | 98.1 | 98.8 98.8 | 99.0 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.d | 100.a | 100.0 | loo.d |
| ≥ 0 | 80.1 | 96.3 | 97.6 | 98.1 | 98.8 | 99.0 | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS

898

USAF ETAC 1004 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13812 RICKENPACKER AFB UH

7-70-73-78

----AL L----

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | | | | | | | VI5 | BILITY STA | ATUTE MIL | es. | | | | | | |
|-----------------------|--------------|-------|--------------|--------------|--------------|------------------|--------------|----------------|--------------------|--------------|--------------|-----------|------------|--------------|------------|-----------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2¹7 | ≥ 2 | ≥1% | ביו≤ | ≥ı | ≥,,, | 5,• | ≥ 'n | ≥5 16 | ≥ . | ≥0 |
| NO CEILING ≥ 20000 | 40.2 | .46.8 | 47.6 | | 48.0 | 48.0 | 48. | 48. | 48. | 48• | 48.2 | 48. | 48. | 48 | 48. | 48. |
| ≥ 18000 ≥ 16000 | 46.0 46.0 | | 53.6 | | 54. | 54. | 54. | 54.4 55 | 54. | 54 55 | 54.5 | 54. 55 | | 54.e | | |
| ≥ \$4000 ≥ 12000 | 47.1 | | 56.2 | | 56.6 | | 56.6 | 56 • 1 58 • | 56 • 8 - 58 • 3 | 56 • 58 | 56.9 | 56 • 6 | 56.° | 56.9 58.9 | 57.0 | 57. |
| ≥ 10000 ≥ 9000 | 51. 52. | 60.1 | 61. | 61.5 | 62.6 | 61. 62. | 61.4 | 61.6 | 61.9 | 61.9 | 61.9 | 61.9 | 62.0 | 62.0 | 62.0 | |
| ≥ 8000 ≥ 7000 | 54.) 55.8 | 63.4 | 64.6 | 65.0 | | 67.5 | 65.4 | 65.4 | 65. | 65.5 | 65.5 | 65. | 65.6 | , | | |
| ≥ 6000 ≥ 5000 | 57.(58. | | 68.6 | 69.0 | 69. | 72. | 69 • 5 | 69.0 | | 69.6 | | 69. | 69. 72. | 69. 72. | 69. 72. | 69 -72 |
| ≥ 4500 ≥ 4000 | 60. | 72.3 | 73.9 | 74.4 | | 74.9 | 75.1 78. | 75.1 78.4 | 75.2 | 75 · 2 | 75.2 | 75.2 | 75. 78. | 75. 78 | 75 | 75 -78 |
| ≥ 3500 ≥ 3000 | 64.0 | 1 | 78.5 82.6 | 79.5 83.5 | 80 • (| 80.2 | 80.4 | 80.4 | 80. | 80.5 | 80.5 | 80 - 84 | 80.0 | 80.0 | 80.0 | |
| ≥ 2500 ≥ 2000 | 68.4 | | 85.0 | | 87.4 | 87.7 91.7 | 87.9 | 88.0 | 88•] | 88 1 92 2 | 88. | 92. | 88. | 88 - 2 | 88. | , . |
| ≥ 1800 ≥ 1500 | 70. 71. | 87.5 | , | 91.7 | | 92.4 | 92.7 | 92.8 | 92.6 | 92.9 | 92.9 95. | 92.5 | 92.9 | 93.0 | | 93 |
| ≥ 1200 ≥ 1000 | 71. | 90.F | 93.6 | 95.6 | | 96.5 | 97.0 | 97.1 | 97.2 | 97.2 98.1 | 97.3 98.3 | 97.3 | 97. | 97. | 97.4 | 97 |
| ≥ 900 ≥ 800 | 71.9 | 91.3 | 94.5 | 95.8 | 97.0 | 97.5 97.8 | 98 · 1 | 98.2 98.7 | 98. | 98.4 98.9 | | 98.5 | 98. | 98.5 | 98.6 | 98 |
| 2 700 2 600 | 72.0 | - | 94.6 | 96.4 | | 98 • 0 98 • 1 | 98.6 98.6 | 98.9 | 99.0 | 99.1 | | 99.1 | 99. | 99.2 | 99. | 99 |
| ≥ 500 ≥ 400 | 72.0 | 1 | 94.6 | 96.4 | 1 | 98.2 98.2 | 98.9 99.0 | 99.2 | 99. | 99.4 | | 99.5 | 99.6 | 99.6 | 99. | 99 |
| ≥ 100 ≥ 200 | 72.0 72.0 | | 94.8 | 96. | 97.7 97.7 | 98.3 98.3 | 99.0 | | 99.4 | 99 . 99 . | 99.0 | 99.0 | 99. | 99. | 99. | 99 |
| ≥ 100 ≥ 0 | 72.0 | | 94.6 | 96. | 97.7 | 98.3 98.3 | 99.0 | 99.3 | 99.4 | 99.6 | 99.6 | 99. | 99. | 99.6 | 99.1 | 99 |

TOTAL NUMBER OF OBSERVATIONS

719

CEILING VERSUS VISIBILITY

1. 312 RICKENPACKER AFB OH

.,7-70,73-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

| CEILING | | | | | | | VIS | BILLITY (STA | ATUTE MILE | (S) | | | | | | |
|-------------------------|--------------|--------------|--------------|----------------------|--------------|----------------------|----------------------|----------------------|----------------------|--------------|--------------|---------------|--------------|----------------------|--------------|--------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2'5 | ≥ 2 | ≥1% | ≥1'4 | ≥1 | ≥ 34 | ≥,• | ≥ ,3 | ≥ 5 16 | ≥ . | ≥0 |
| NO CEILING ≥ 20000 | 39.6 43.4 | 51.1 55.4 | 53.4 57.8 | | 54.7 59.4 | | 54.9 59.6 | 55.2 59.8 | 55.2 59.8 | 55.4 60.0 | 55.4 | 55.4 60.1 | 55.5 | 55.7 60.4 | 55.7 | 55•7 60•4 |
| ≥ 18000 ≥ 16000 | 44.0 | 55.9 56.5 | 58.9 | 59.7 60.2 | 59.9 60.4 | | 60.1 | 60.3 60.9 | 60.9 | 60.5 | 60.5 | 60.6 | 61. | 61.0 61.9 | 61.0 | 61.0 |
| ≥ 14000 ≥ 12000 | 44.5 | 56.9 57.7 | 59.4 60.3 | 61.6 | 61.8 | 61.8 | 61.1 | 61.3 | 62.3 | 61.5 | 61.5 | 61.6 | 61.7 | 61.9 | 61.9 | 61.9 |
| ≥ 10000 ≥ 9000 | 48.2 | 65.0 | 64.8 | 66.2 | 65.1 | | 65.3 66.8 | 65.5 | 67.0 | 67.2 | 67.7 | 65.8 | 67.4 | 67.6 | 66.2 | 66.3 |
| ≥ 8000 ≥ 7000 | 52.8 54.9 | 66.3 68.8 | 69.1 71.6 | | 71.1 73.5 | 71.1 73.5 | 71.3 | 71.5 | 71.5 | 71.7 | 71.7 | 71.8 -74.4 | 71.9 | 72.2 | 72.3 | 74.9 |
| ≥ 6000 ≥ 5000 | 57.1 58.7 | 71.2 | 74.0 | 75.5 | 76.0 80.1 | 80.1 | 76.2 80.3 | 76.6 30.6 | 80.6 | 76.8 | 76.8 80.9 | 76.9 | 77.0 | 77.2 81.3 | 77.3 81.4 | 77.4 |
| ≥ 4500 ≥ 4000 | 61.8 | 76.5 | 82.3 | 81.8 | 82.9 | 82.9 | 83.1 80.6 | 83.4 87.0 | 83.4 87.0 | 87.2 | 83.7 | 83.8 | 83.9 | 84.1 87.6 | 84.2 87.7 | 84.3 |
| ≥ 3500 ≥ 3000 | 62.9 | 80.1 81.8 | 85.1 | 86.1 88.0 | 87.3 | 87.4 89.2 | 87.6 | 88.1 | 88.1 | 88.3 90.1 | 88.3 90.1 | 88.4 90.2 | 90.3 | 88.7 90.5 | | 1 |
| ≥ 2500 ≥ 2000 | 64.3 64.7 | 84.7 | 86.9 | 91.1 | 91.2 | | 92.9 | 91.9 | 91.9 | 92.2 | 23.5 | 93.7 | 92.4 | 92.6 94.0 | 24.1 | 92.5 |
| ≥ 1800 | 64.9 | 85.9 | 88.4 89.6 | 91.6 92.8 92.9 | 93.1 | 93.2 94.6 94.7 | | 93.9 | 93.9 | 94.1 | 94.1 95.8 | 94.7 | 94.3 | 94.5 | 94.6 | 94.7 |
| ≥ 1000 | 65.2 65.2 | 86.6 | 90.1 | 93.3 | 94.4 | 95.2 | 95.1 95.6 | 95.5 | 95.7 | 95.9 96.7 | 95.9 96.7 | 96.0 96.8 | 96.1 | 96.3 | 96.5 | 96.6 |
| ≥ 900 ≥ 800 ≥ 700 | 65.2 | 86.7 | 99.4 | 93.7 | 95.2 | 95.4 95.5 95.7 | 95.8 95.9 96.5 | 96.5 96.6 97.1 | 96.8 96.9 97.4 | 97.0 97.1 | 97.U | 97.7 | 97.3 | 97.4 | 97.6 | 97.7 |
| ≥ 600 | 55.2 65.2 | 85,8 | 90.6 | 94.0 | 95.6 | | 90.8 | 97.4 | 97.7 | 98.7 | 97.6 98.0 | 97.7 98.1 | 97.8 | 98.4 98.4 | 98.2 | 98•3 98•6 |
| ≥ 500 ≥ 400 ≥ 300 | 65.2 | 86.8 | 90.9 | | 96.2 | 96.6 | | 98.3 98.3 | 98.6 98.7 | 98.8 | 98.8 98.9 | 98.9 99.0 | 99.0 | 99.2 99.4 99.7 | 99.5 | 99.5 |
| 2 200 | 65.2 | 86.8 | 90.9 | 94.6 | 96.2 | 96.6 | | 98.3 | 98.7 | 99.0 99.0 | 99.1 | 99.4 | 99.5 99.5 | 99.7 | | 99.9 |
| 2 0 | 65.2 | 86.8 | , | 94.6 | 96.2 | 96.6 | | 98.3 | 98.7 | 99.0 | 99.1 | 99.4 | 99.5 | 99.7 | 99.8 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC 10:04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE CASOLETE

CEILING VERSUS VISIBILITY

13812 RICKERBACKER AFB UH

7-70.73-78

_0<u>300</u>-0500

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | | | | | | | VIS | IBILITY (ST. | ATUTE MILI | ES) | <u></u> - | | | | | |
|-----------------------|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------------|------------------|------------------|--------------|--------------|
| 1339 | ≥10 | ≥6 | ≥ 5 | ≥ 4 | ≥3 | ≥2'7 | ≥ 2 | ≥1% | ≥114 | ≥1 | ≥ 14 | ≥'• | ≥ '2 | ≥5 16 | ≥ . | ≥0 |
| NO CEILING ≥ 20000 | 33.3 | 45.1 | 47.5 | 50.0 53. | 51. | 52.0 | 52.4 55.4 | 52.5 | 52.9 | 53.¢ | 53.0 | 53.0 | 53. | 53. | 53. 57. | 54.0 |
| ≥ 18000 ≥ 16000 | 35.2 35.6 | 47. | 50.0 51. | 53. | 55.0 | 55. 56. | 56 • (| 56. 57. | 56.6 57 | | 56. 57 | 56. 57. | 57. | | 57. 58. | 57.7 |
| ≥ 14000 ≥ 12000 | 35.9 36.5 | 48.6 | 51.5 52.6 | 54.5 | 56.2 57. | 56.6 | | 57.3 _58. | 57. 58. | 57.5 58.4 | 57.5 58. | 57. 58. | 57. 58. | 58 (58 (| 58. 59 | 58.0 |
| ≥ 10000 ≥ 9000 | 39.8 40.3 | 54.2 | 56.1 57. | 59.4 | 7.4 | 61.6 | 61.6 | 63.4 | 62. | 62.6 | 62.6 | 62.6 | 62.9 | 63.0 | 63. | 63.7 |
| ≥ 8000 ≥ 7000 | 42.7 | 57.1 60.1 | 60.4 | 66.9 | 65.6 | 69. | 60. | 69.9 | 67.0 | 67.1 | 67. | 67. | 67. | 67•! | 67. | 68.2 |
| ≥ 6000 ≥ 5000 | 47.0 48.8 | 66.9 | 66.3 70.8 | 69.8 74.8 | 71.7 | 72.0 | 72.4 | 72.8 | 72.9 | | 73.0 | 73.0 | 73. | 73.4 | 73. | 74. |
| ≥ 4500 ≥ 4000 | 49.8 50.8 | 70.2 | 74.9 | 76.6 | 82.4 | 79.8 82.7 | 80.1 | 83.8 | 80.8 | 80.9 84.0 | 80.9 | 80.9 | 81. 84. | 81.34. | 81.0 84. | 81.9 |
| ≥ 3500 ≥ 3000 | 51.1 51.2 | 70.9 | 75.0 | 81. | 83.4 | 83.9 | 84.2 | 84.8 | 84.9 | 85.1 86.6 | 85.1 | 85 • 1 - 86 • 4 | 85.4 86.9 | 85 • 5 87 • 6 | 85. 87. | 86. |
| ≥ 2500 ≥ 2566 | 51.3 52.2 | 77.5 | 77.0 | 84.3 | 85 - 1 87 - E | 86.1 88.3 | 86.5 | 87.1 | 87.2 89.4 | 87.3 89.5 | 87.3 69.5 | 87.3 | 87.6 | 87. | 88. | 88.4 |
| 1500 | 52.3 52.7 | 73.9 | 81.1 | 86.2 | 89.5 | | 90.8 | 89.6 91.4 | 89.7 91.5 | 89.8 91.6 | 89.8 | 89.8 | 90.1 | 90.2 | 90.5 | 90.9 |
| ≥ 1200 ≥ 1000 | 52.8 52.8 | 75.8 75.9 | 32.0 | 87.6 | 91.3 | 91.4 91.8 | 91.7 91.3 | 92.4 | 92.5 | 92.6 | 92.6 | 92.6 | 92.5 | 93.0 | 93.3 | 93.7 |
| ≥ 900 ≥ 800 | 52.9 52.9 | 76.1 76.3 | 82.3 | 87.8 8.38 | 91.7 _92.2 | 92.3 | 92.7 | 93.8 94.3 | 93.9 | 94.0 94.5 | 94.0 | 94.5 | 94.3 | 94.5 | 94.7 | 95.1 |
| ± 706 ± 600 | 52.9 52.9 | 76.6 76.6 | 82.9 | 86.7 88.7 | 92.7 | 93.4 93.7 | 94.1 | 95•2 95•2 | 95•3 -95•8 | 95.4 95.9 | 95.4 95.4 | 95.4 | | 95.8 | 96.1 | 96.5 |
| ≥ 500 ≥ 400 | 52.9 52.9 | 76.7 76.7 | 83.0 83.0 | 88.9 | 93.2 93.3 | 94.1 | -4344 | 96.8 97.3 | 96.9 97.4 | 97.8 | 97.3 97.8 | 97.3 97.8 | 97.6 | 98.3 | 98.1 98.4 | 98•5 |
| ≥ 300 ≥ 200 | 52.9 52.9 | 76.7 | 83.0 83.0 | 88.9 | 93.3 | 94.3 | 96.1 | 97.4 | 97.5 | 98.0 | 98.1 | 98•1 | 98.4 | 98.5 | 98.4 | 99.4 99.5 |
| 2 0 | 52.9 52.9 | 76.7 76.7 | 83.0 83.0 | | | 94.3 | | 97.4 | | | 96 · 1 | 98 • 1 98 • 1 | 98 • 4 98 • 4 | 98.5 | | 99.7 |

TOTAL NUMBER OF OBSERVATIONS

93

USAF EFA 1 11 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

CEILING VERSUS VISIBILITY

13512

No.

RICKENRACKER AFB DH

47-70,73-78

~ÄÄY_

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_0600=080n

| CEILING | | | | | | | VIS | BILITY (ST | ATUTE MILI | ES) | | | | | | |
|-------------------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|--------------|--------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2'> | ≥ 2 | ≥1'2 | ≥1% | ≥1 | ≥ 34 | ≥'• | ≥', | ≥5 16 | ≥ . | ≥0 |
| NO CEILING ≥ 20000 | 22.7 | 39.7 41.1 | 44.0 | | 47.1 50.1 | 48.8 51.1 | 50.0 52.3 | 50.8 53.0 | 51.0 53.2 | 51.2 | 51.2 53.4 | 51.7 53.4 | 51.3 53.5 | 51.3 53.5 | 51.3 53.5 | 51.3 53.5 |
| ≥ 18000 ≥ 16000 | 23.3 | 41.3 | 45.8 | 48.3 48.6 | | | 52.8 | 53.2 53.5 | 53.4 53.8 | 53.7 54.0 | 53.7 54.0 | 53.7 54.d | 53.6 54.1 | 53.8 54.1 | 53.8 54.1 | 53.8 |
| ≥ 14000 ≥ 12000 | 23.9 | 42.0 | 46.7 | 49,4 51.3 | 51.4 53.3 | 52.4 54.3 | 55.5 | 54.3 56.7 | 56.5 | 54.7 56.7 | 54.7 56.6 | 54.7 56.8 | 54.8 56.9 | 54.8 56.9 | 54.8 56.9 | 54.8 |
| ≥ 10000 | 27.0 | 46.9 | 51.8 52.8 | 54.9 55.9 | 57.3 | 58.5 59.6 | 51.0 | | 62.2 | 62.7 | 61.9 | 61.9 | 63.1 | 62.0 | 62.0 | 62.7 |
| ≥ 8000 ≥ 7000 | 27.6 | 49.5 51.3 | 57.4 | 59.0 60.9 | 61.7 | 62.9 | 66.6 | | 65.5 67.7 | 66.0 | 66.5 | | 66.6 | | | 69.0 |
| ≥ 6000 ≥ 5000 | 29.1 31.1 | 52.0 55.8 | | | 69.4 | | | 68.7 73.4 | 68.9 73.7 | 74.4 | | 74.8 | | 70.1 | | 70 • 7 |
| ≥ 4500 ≥ 4000 | 31.9 | 57.5 58.7 | 66.0 | 70.9 | 72.7 | | | | 79.1 | 77.8 | 80. | 78.3 | 78.4 80.4 | 78.4 80.4 | 80.4 | تعونا_ |
| ≥ 3500 ≥ 3000 | 32.6 32.9 | 59.1 59.8 | | 71.5 | 75.7 | 77.5 | | | 81.7 | 82.6 | 83.0 | 81.7 83.d | 83.1 | 83.1 | 83.1 | 83.2 |
| 5 5000 5 5000 | 33.2 34.0 | 62.2 | 65.9 | | | | 84.4 | 85.7 | 86.0 | 86.9 | 87.4 | 87.4 | 87.5 | | 87.5 | 87.0 |
| ≥ 1500 | 34.4 | | 71.1 | 76.3 | 81.2 | 84.2 | 86.1 | 86.2 87.5 | 87.8 | 88.7 | 89.2 | 89.7 | 88•1 89•4 | 88 • 1 89 • 4 | | |
| ≥ 1000 | 34.6 34.7 34.8 | 63.5 | | 77.5 | | | 87.8 | | 89.9 | 90.9 | 91.0 | 91.6 | 91.3 | 91.3 91.7 | 91.3 | 91.8 |
| ≥ 900 | 34.8 | 64.1 | 72.8 | 78.6 | | 88.1 | 9,,,2 | 91.8 | 92.4 | 93.3 | 94.1 | 94.1 | 92.4 | 92.4 94.2 | 94.2 | 92.5 |
| ≥ 700 ≥ 600 | 34.9 | 64.4 | | | 86.1 | 88.8 89.2 | 91.8 | 93.7 | 94.7 | 95.8 | 96.7 | 95.7 | 95.7 96.8 | 96.8 | 95.7 96.8 | 95.4 |
| ≥ 500 ≥ 400 | 34.9 | 64.4 | 73.2 | 79.4 | 86.6 | 89.6 59.8 | 92.7 | 94.8 | 96.0 | 97.4 | 98.0 | 98.6 | 98.8 | 98.8 | 98.9 | 99.0 |
| 2 300 2 200 > 100 | 34.9 | | 73.2 | 79.4 | 86.6 | 87.8 | 97.7 | 94.8 | 96.0 | 97.5 | 98.7 | 98.7 | | 98.9 | 99.0 | 99.4 |
| 2 0 | 34.9 | | | | | | 92.7 | | , | | | 98.7 98.7 | 98.9 98.9 | 98.9 | | 100•0 5•6 |

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC 101 64 0-14-5 (OL A) MEYIOUS EDITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

RICKENSACKER AFR UH

7-70.73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0220-1100

| CEILING | | | | | | | VIS | BILITY (ST | ATUIE MILI | ES) | | | | | | |
|----------------------------|----------------------|----------------------|----------------------|--------------|----------------------------|----------------------|----------------------|----------------------|--------------|--------------|----------------------|--------------|--------------|---------------|---------------|----------------------|
| feet | ≥10 | ≥6 | ≥5 | ≥ 4 | ≥3 | ≥2'7 | ≥? | ≥1% | ₄نا≤ | ≥1 | ≥ '• | 5,* | ≥ '> | ≥ 5 16 | ≥ . | ≥0 |
| NO CEILING & 20000 | 30.0 | 47.1 50.2 | 48.6 51.° | 50.1 53. | 50 • o | 50.9 54. | 51 • 3 | 51. 54. | 51.2 | 51.1 54.1 | 51 • 2 54 • 4 | 51. 54. | 51. 54. | 51. 54. | 51. 54. | 51.2 |
| ≥ 18000 ≥ 16000 | 32.2 | 50 • 9 50 • 9 | 52.4 | 54.0 | 54.d | 54.1 55.1 | 55. | 55. | 55. | 55. | 55.5 | 55. | 55. | 55. | 55. | 55. |
| ≥ 14000 ≥ 12000 | 32.4 | 51 • 1 52 • 4 | 52•¢ | 54.7 56.7 | 55.5 57.4 | 55.4 57.1 | 55.4 | 55.° 57.• | 55.9 57. | 55.9 57. | 55.9 _57.4 | 55. -57. | 55.9 57. | 55. | 55. 57. | 55.9 57.4 |
| ≥ 10000 ≥ 9000 | 35.5 | 55.6 56.7 | 57.5 58. | 59.9 60.6 | 60.1 | 61.0 | 61. 62. | 61.5 | 61. | 61. | 61.5 | 61. | 61. _62. | 61 • 1 | 61. -62. | 61.5 62.3 |
| ≥ 8000 ≥ 7000 | 37.6 | 57.0 60.8 | 63. | 66.1 | 65. | 65.7 | 67. | 67. | 65.8 | 65.6 | 65.6 -67. | 65. | 65.1 | 65.6 | 67. | 65•\$ |
| ≥ 6000 ≥ 5000 | 39.0 40.4 | 63.9 | 63.9 | 69.1 | | 71.0 | 710 | 68.4 71.4 | 68.4 | 68.4 | 68.4 71.5 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 -71 |
| ≥ 4500 ≥ 4009 ≥ 3500 | 41.5 | 68.4 | 69.1 71.6 | 76.0 | 73.4 | 73.2 | 73.6 | 77.0 | 73.8 | 73.8 | 73.5 | 73.6 | 73.6 | 73.8 | 77. | 77-0 |
| ≥ 3000 | 43.5 45.5 46.3 | 69.5 72.9 74.7 | 72.4 76.5 78.5 | 76.1 79.8 | | 77.7 81.8 | 70.6 82.7 | 78.6 | 78.6 82.7 | 78.6 | 78.0 _82.7 | 78.6 | 78.6 | 82 | 78.6 | 78•6 |
| ≥ 2000 | 47.6 | 77.0 | 80.8 81.1 | | 83 • / 86 • / 87 • (| 84.0 87.0 87.4 | 84.6 88.6 68.4 | 88.2 | 84.9 88.2 | 84.9 88.2 | 84.9 | 84.5 | 84.9 | 84.9 | 88. | 84.9 |
| ≥ 1500 | 48.4 | 79.F | 83.7 85.5 | 88.0 | 90.0 | 20.4 | 91.7 | 88.6 91.9 94.7 | | 91.9 | 88.6 91.9 94.7 | 91.9 94.7 | 88.6 91.9 | 91.9 | 91.9 | 91.4 |
| ≥ 1000 | 48.8 | 81.9 | 86.8 86.8 | 90.5 | 93.4 | 94.0 | 95.4 | 95.6 96.8 | 95.6 96.8 | 95.6 | .95.6 96.8 | 95.6 | 95.6 | 95.6 96.8 | 95.6 | 94.7 |
| ≥ 800 | 48.8 48.8 | 82.7 | 87.0 87.1 | 92.7 | 94.9 95.2 | 95.7 | 97.2 | 97.5 98.0 | 97.6 98.4 | 97.6 | 97.4 | 97.6 | 97.4 | 97.6 98.5 | -97.4 98.5 | 96.6 97.6 98.5 |
| ≥ 600 | 48.8 | 82.9 82.9 | | 92. | 95.9 | 96.2 96.7 | 97.6 | 98.3 | 98.7 | 98.8 | 98.8 | 98.5 | 98.6 | _98.6 99.4 | 98.5 | 99.5 |
| 2 300 | 48.8 | 82.9 82.9 | 37.3 | 92.9 | 95.9 | | 98.4 | 99.0 | 99.5 | 99.8 | 99.9 | 99.9 | 99.5 | 99.9 | 99.9 | 99.9 |
| 2 700 | 48.8 48.8 | 82.3 | 37.3 | 92.9 | 95.9 | 96.7 | 98.4 | 99.0 | 99.5 | 99.8 | 59.9 | 99.9 | 20.4 | 90.9 | 99.9 | |
| <u> </u> | 48.8 | 82.9 | | 92.9 | | 96.7 | 92.4 | 99.0 | 99.5 | 49.8 | 79.4 | 99.9 | | | | 100+0 |

TOTAL NUMBER OF OBSEPVATIONS

93

USAF ETAC 1 64 1-14-5 (OL A) MEVIOUS FOITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

13812

C

•

•

RICKENPACKER AFB OH

67-70,73-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200=1400

| CEILING | | | | | | | VIS | BILITY (ST | ATUTE MILI | ES, | | | | | | |
|----------------------------|----------------------|--------------|------|--------------|--------------|----------------------|----------------------|----------------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2'? | ≥ 2 | ≥1'2 | ≥1% | ≥1 | ≥ ¼ | ≥'• | ≥, | ≥5 16 | ≥ . | ≥0 |
| NO CEILING 2 70000 | 32.0 35.2 | 43.5 | | | 44.8 | 44.8 49.1 | 44.8 | 44.8 | 44.8 | 44.8 | 44.6 | 44.8 | 44.6 | 44.8 | 44.8 49.1 | 44.8 |
| ≥ 18000 | 35.4 35.6 | 48.4 | 49.7 | 49.7 | 49.8 | 49.8 | 49.8 | 49.8 | 49.4 | 49.8 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 |
| ≥ 14000 ≥ 12000 | 36.5 38.0 | 50.2 52.4 | 53.2 | 51.1 53.2 | 51.2 53.3 | 51.2 53.3 | 51.2 53.3 | 51.2 53.3 | 51.2 53.3 | 51.2 53.3 | 51.2 53.3 | 51.7 53.3 | 51.2 53.3 | 51.7 53.3 | 51.2 53.3 | 51.4 53.3 |
| ≥ 10000 ≥ 9000 | 39.8 | 54.6 55.8 | 56.7 | 55.6 56.8 | 55.7 56.9 | 55.7 56.9 | 56.9 | 55.7 56.9 | 55.7 56.9 | 55.7 56.9 | 55.7 56.9 | 55.7 56.9 | 55.7 56.9 | 55.7 56.9 | 55.7 56.9 | 55.7 |
| ≥ 8000 ≥ 7000 | 41.2 42.2 42.8 | 59.8 59.8 | 7 | 59.5 61.3 | 59.6 | 61.4 | 59.6 61.4 | 59.6 61.4 | 59.6 | 61.4 | 59.6 61.4 | 59.6 61.4 | 59.6 61.4 | 59.6 61.4 | 61.4 | 61.4 |
| ≥ 6000 ≥ 5000 ≥ 4500 | 45.1 47.0 | 63.8 | | 1 | 63.0 65.8 | 63.0 65.8 68.4 | 63.0 65.8 | 63.0 65.8 | 63.0 65.8 | 63.0 65.8 68.4 | _22 | 63.n | 63.0 | 63.0 65.8 | 63.0 | 65.4 |
| 2 4000 2 3500 | 50.4 | 70.8 | 73.0 | 73.7 | 74 • C | - 1 | 68.4 74.1 75.2 | 68.4 74.1 78.2 | 74.1 | 74.1 | 68.4 74.1 78.2 | 68.4 74.1 78.2 | 68.4 74.1 78.2 | 68.4 74.1 78.2 | 68.4 74.1 78.2 | 74-1 |
| ≥ 3000 | 57.7 59.5 | 79.5 | 81.6 | | | 83.7 87.6 | | 53.8 | 83.8 | | | 83.7 87.7 | 83.8 | 83.8 87.7 | 83.8 | 83.8 |
| ≥ 2000 | 60.6 | 85.8 | 88.5 | 90.3 | 91.6 | | | 92.9 | 92.9 92.9 | 92.2 | 92.2 93.0 | 92.2 | 93.0 | 92.2 93.0 | 92.2 | 92.2 |
| ≥ 1500 ≥ 1200 | 61.6 | 88.3 89.0 | 91.3 | 93.5 | A | 95.4 | i | 95.5 97.0 | | 95.6 | 95.6 | 95.6 97.1 | 95.6 | 95.6 | 95.6 | 95.6 97.1 |
| ≥ 1000 | 61.9 | 89.6 89.7 | 92.8 | 95.5 | ز 97۰ | 97.4 98.6 | | 97.6 | | 97.7 | 97.7 | 97.7 98.3 | 97.7 | 97.7 | 97.7 98.3 | 98.3 |
| 2 800 | 62.0 | 89.7 89.8 | 92.9 | 95.7 95.8 | 98.4 | 98.4 | 98.6 98.8 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 99.0 | 98.7 | 98.7 | 98.7 99.0 | 98.7 |
| ≥ 500 | 62.2 | 90.1 | 93.4 | 96.1 96.2 | 98.8 | 99.2 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 ≥ 300 | 62.2 | 90.1 | 93.4 | 96.2 96.2 | 98.8 | 99.2 | 99.6 | 99.6 | 99.8 | | 100.0 | 100.0 | | 100.0 | 100.0 | |
| ≥ 100 ≥ 0 | 62.2 | 90.1 | 93.4 | 96.2 | 98.8 | 99.2 | 99.6 | 99.6 | 99.8 | 100.0 100.0 | 100.0 | 100.0 100.0 | 100.0 100.0 | 100.0 | 106.0 | 100.0 |
| ≥ 0 | 62.2 | 90.1 | 93.4 | 96.2 | 90.8 | 99.2 | 99.6 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100-0 | roorq |

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC 10, 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS TOWN 4NE DESOLETE

CEILING VERSUS VISIBILITY

13812 RICKENBACKER AFB UH

47-70.73-78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> 1500-1700</u>

| CEILING | | | | | | | VIS | BILITY (STA | ATUTE MIL | ES) | | | | | | |
|----------------------------|--------------|--------------|----------------------|--------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------|----------------------|-------------------|----------------------|---------------------|----------------------------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2% | ≥2 | 21% | ≥1¼ | žı | ≥ ¾ | ≥,• | ≥ '7 | ≥ 5/16 | ≥'4 | ≥0 |
| NO CEILING ≥ 20000 | 34.8 39.1 | 44 · 50 · | 44.° | 44.8 50.9 | 50.9 | 44.8 | 44.8 | 44.8 | 44.8 | 44.6 | 50-5 | 44.6 | 44.4 50.5 | 44.1 | 44. | 44. |
| ≥ 18000 ≥ 16000 | 39.5 | 50.9 51.2 | 51.4 | 51.7 | 51.2 51.5 | 51.2 51. | 51. | 51. | 51.2 51.5 | 51.5 | 51.2 51.5 | 51. | 51. | 51. | 51. | 51. |
| ≥ 14000 ≥ 12000 | 40.2 | 51.9 | 52.2 | 52.3 53.5 | 52.3 | 52.3 53.5 | 52.3 | 52. -53. | 52.3 | 52.3 -53. | 52.3 _53.4 | 52.3 -53. | 52. | 52.3 53. | 52. -53. | 52. |
| ≥ 9000 | 42.9 | 55.4 55.8 | 55.4 56.2 | 56. | 55.9 | 55.9 56.3 | 55.9 56.2 | 55.9 56.3 | 55.9 | 55.9 -56.3 | 55.9 -56.2 | 55.9 56 | 55.9 | 55.9 -56. | 55. 56. | 55.4 -56. |
| ≥ 8000 ≥ 7000 | 46.2 | 60.6 | 64.5 | 65.1 | 61.9 | 65.1 | 61.9 | 61.65. | 61.9 | 61.4 | 61.9 _65. | 61.° | 61.9 -65- | 61.9 -65. | 61.5 | 61• -65• |
| ≥ 6000 ≥ 5000 | 49.8 | 68.0 | 69.5 | 67.0 | 67.0 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67. | 67.1 | 67. | 67• |
| ≥ 4500 ≥ 4000 ≥ 3500 | 54.3 57.3 | 72.6 | 80.0 | 75.2 80.0 | 75.2 80.9 | 75.4 81.0 | 75.4 | 75.4 | 75.4 | 75.4 81.6 | 75.4 | 75.4 | 75.4 | 75.4 -81.6 | 75.4 | 75•4 |
| ≥ 3000 | 59.9 62.4 | 84.5 | 83.2 | 88.1 | 84.2 | 84.3 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84 • 3 88 • 5 | 84.4 | 88-6 | 84.4 | 84 • 4 |
| ≥ 2000 | 64.6 | 89.2 | 90.0 92.2 92.7 | 93.4 | 94 | 91.7 94.4 94.9 | 91.7 | 91.7 94.4 94.9 | 91.7 94.4 94.9 | 91.7 94.4 94.9 | 91.7 | 91.7 | 91.6 | 94. | 94.4 | 91.6 |
| ≥ 1500 | 64.6 | 90.3 | 93.7 | 95.2 | 96. | 96.5 | 94.9 96.5 98.0 | 96.5 | 96.5 | 96. | 96.5 | 94.9 96.5 98.0 | 95. 96. 98. | 95+1 96+6 98+1 | 95.1 96.4 98. | 95•1 -96•6 98•1 |
| ≥ 1000 | 64.6 | 91.2 | 95.4 95.5 | 97.2 | 98. | 98.6 | 98.7 | 98.7 | 98.5 | 98 | 98 | 98.9 | 98 | 98.0 | -98-1 | -98+8 |
| ≥ 800 | 64.6 | 91.4 | 95.8 | 97. | 98.7 | 99.1 | 99.5 | 99.4 | 79.4 | 99 99 | 99.4 | 99.4 | 99 | 99. | 99. | -99. |
| ≥ 500 | 64.6 | 91.4 | 95.6 | 97.5 | 28. | 99.1 | 99.6 | 99.6 | 99.4 | 99.8 | 99.7 | 99. | 99. | 99+ | 99.6 | -99.1 |
| ≥ 400 | 64.6 | | 95.6 | | 98.8 | 99.2 | 99.7 | 99.8 | 99.1 | 99.5 | 99.9 | 99.5 | 100-0 | 100-0 | 100.0 | 100-0 |
| ≥ 700 | 64.6 | 91,4 | 95.8 | 97.5 | | 99.2 | | 99.8 | 99.6 | 99.9 | 99.9 | | 100-0 | 100-0 | 100.0 | 100+0 |
| ≥ 100 | 64.6 | 1 | 95.6 | | | 99.2 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC 101 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13812 RICKENBACKER AFB UH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

| CEILING FEET | | | | | | - | vis | IBILITY (ST | ATUTE MIL | (ES) | | | | | | |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| | ≥10 | ≥6 | ≥ 5 | ≥ 4 | ≥3 | ≥2⅓ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥ ¾ | ≥,• | ≥ % | ≥5 16 | ≥'• | ≥0 |
| NO CEILING ≥ 20000 | 36.3 42.2 | 45.4 53.9 | 46.2 54.9 | 46.7 55.0 | 46.3 55.4 | 46.3 55.4 | 46.3 55.4 | 46.3 55.4 | 46.3 55.4 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 45.3 |
| ≥ 18000 ≥ 16000 | 42.4 | 54.6 | 55.1 55.5 | 55.7 | 55.7 | 55.7 56.1 | 55.7 56.1 | 55.7 56.1 | 55.7 | 55.7 56.1 | 55.7 | 55.7 56.1 | 55.7 | 55.7 | 55. | 55.7 |
| ≥ 14000 ≥ 12000 | 43.6 | 55.4 57.8 | 56.4 58.9 | 56.5 59.0 | 56.9 | 56.9 | | 56.9 | 56.9 59.4 | 56.9 | 56.9 59.4 | 56.9 59.4 | 56.9 | 56.9 | | |
| ≥ 10000 ≥ 9000 | 47.9 49.0 | 62.2 | 62.1 | 62.2 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 59.4 62.8 | 62.8 | 59.4 62.8 | , |
| ≥ 8000 ≥ 7000 | 51.6 52.6 | 66.0 | 67.5 | 67.8 | 68.4 | 66.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 64.2 |
| ≥ 6000 ≥ 5000 | 53.6 57.1 | 69.6 74.0 | 71.7 | 72.1 | 72.7 | 72.7 | 72.7 | 72.7 | 70.7 72.7 | 72.7 | 70.7 | 70.7 72.7 | 70.7 | 70.7 | 70.7 | 72.7 |
| ≥ 4500 ≥ 4000 | 59.6 | 77.7 81.1 | 80.9 | 81.4 | 82.1 | 82.1 85.7 | 82.2 85.8 | 82.2 | 82.2 85.8 | 77.3 82.2 | 92.2 | 77.3 82.7 | 77.3 82.2 | 77.3 82.2 | 77.3 82.2 | |
| ≥ 3500 ≥ 3000 | 61.6 | 81.7 | 85.1 | 85.7 | 86.4 | 86.4 | 86.5 | 86.7 | 86.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 86.7 | 85.8 | 85.4 |
| ≥ 2560 ≥ 2000 | 64.6 | 87.3 88.4 | 91.2 | 92.1 | 93.5 | 93.6 | 94.1 | 94.6 | 94.6 | 91.1 | 91.4 | 91.1 | 94.0 | 91.1 | 91.1 | 94.6 |
| ≥ 1800 ≥ 1500 | 64.8 | 88.8 | 92.8 | 93.9 | 95.6 96.3 | 95.7 | 96.1 | 96.1 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.1 96.7 | 96.7 | 96.7 |
| ≥ 12() ≥ 1000 | 64.8 | 89.5 | 93.5 | 94.9 | 96.9 | 96.4 97.0 | 97.6 | 97.6 98.2 | 97.6 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 97.6 98.2 | 97.6 98.2 | 97.6 98.2 |
| ≥ 900 ≥ 800 | 64.8 | 89.5 | 93.8 | 95.5 | 97.5 | 97.6 | 98.4 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 90.9 | 98.9 99.1 | 98.9 99.1 | 98.9 |
| ≥ /00 ≥ 600 | 64.8 | 89.6 89.6 | 93.9 | 95.6 | 97.7 | 97.8 | 98.6 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 ≥ 400 | 64.8 | 89.6 89.6 | 93.9 | 95.7 95.7 | 97.8 97.8 | 98.0 98.0 | 98.9 | | | 99.7 | | 99.7 | | 99.7 | 99.7 | 99.7 100.0 |
| ≥ 300 ≥ 200 | 64.8 | 89.6 89.6 | 93.9 | 95.7 | 97.8 97.8 | 98.0 | 98.9 | 99.9 | 00.0 | 100.0 | 00.0 | 00.0 | 100 - di | lon_n | 100.0 | loord |
| ≥ 100 ≥ 0 | 64.8 | 89.6 89.6 | 93.9 | 95.7 | 97.8 | 98.0 | 98.9 98.9 | 99.9 | LOO+0 1 | 100.01 | 100.01 | 00.0 | 100.01 | 00.0 | 100.0 | 100.0 |
| L1 | | | | | - 1 - 0 | 2000 | 1507 | 77.7 | .UU • 01 | 100.01 | 00.00 | 00.0 | 100.01 | 00.0 | Loo di | اقعمما |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS

CEILING VERSUS VISIBILITY

13812

RICKENRACKER AFB WH

.7-70.72-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_2100-2300

| CEILING | | | | | | | VIS | BILITY (STA | TUTE MILI | ESI | | | | | | |
|----------------------------|---------------|----------------|--------------|--------------|------------------|----------------------|----------------|----------------------|----------------------|----------------|---------------|--------------|--------------|--------------|--------------------|-------------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2⅓ | ≥ 2 | ≥1% | ≥1¼ | ≥1 | ≥ ¼ | ≥'• | ביי ≲ | ≥ 5/16 | ≥ '• | ≥0 |
| NO CEILING ≥ 20000 | 41.7 | 52.6 58.0 | 54.0 59.0 | 54.3 | 55. | 55. 60. | 55.3 . 60.5 | 55.3 | 55.3 | 55.3 60.5 | 55. | 55. 60.9 | 55. 1.60. | 55. | 55. | 55• |
| ≥ 18000 ≥ 16000 | 46.5 | 58 .5 58 .5 | 60.4 | 60.4 | 61.2 | 61.6 | 61. | 61.4 | 61.4 | 61. | 61.4 | 61. | 61. -61. | 61. | 61. | 61. |
| ≥ 14000 ≥ 12000 | 47.0 | 59.5 60.2 | 61.1 | 61.4 | 62. | 62.3 | 62. | 63. | 62. | 62. | 62.3 _63. | 62. | 62. | 62. | 62. | 62• |
| ≥ 10000 ≥ 9000 | 49.7 51.1 | 62.6 _64.2 | 65.6 | 64. | 67.4 | 67.4 | 66.(| 67.4 | 66.0 | 66.0 | 66.0 -67.4 | 67. | 66.0 | 67. | 67. | 67. |
| ≥ 8000 ≥ 7000 | 53.5 _55.3 | 67.4 | | 70.2 | 71 • . 73 • . | 71.3 | | 71.5 | 71. | 71. | 71 • - 74 • · | 71 • ! | 71. | 71• | 71. | 71. |
| ≥ 6000 ≥ 5000 | 57.1 59.2 | 72.2 | | 79.6 | | 76 • ! 80 • ! | 76. | 76.7 | 76. | 76. 81.0 | 76. | 76. | 76. | 76. 81.6 | 76. -81. 83. | 76• |
| ≥ 4500 ≥ 4000 ≥ 3500 | 60.4 | 78.0 81.8 | 84.1 | 86. | 83.4 87.6 | 83.4 87.4 88.8 | 83. 37.1 | 83.7 87.8 89.0 | 83.1 87.1 89.0 | 83 87 89 | 83.7 87.1 | 87.5 87.5 | 83. 87. | 87. | -87- | 83. 87. 89. |
| ≥ 3000 | 62.6 63.9 | 83.6 85.4 | 88.6 | 90.3 | 91.7 | 91 | 91.5 | 91.9 | 91.9 | 91.9 | 91.9 | 91.6 | 95 | 91.9 | 91 95 | 91. 95. |
| ≥ 2000 | 65.5 | 88.9 | 92.6 | , | 96. | 96 · 8 | 97.1 97. | 97.0 97.3 | 97. 97. | 97. 97. | 97.0 | 97.0 97. | 97. | 97.0 97.2 | 97. | 97. 97. |
| ≥ 1500 | 65.5 | 89 89 | | 95.4 95.6 | 96.5 | 97. 97. | 97. | 97.6 | 97. 97. | 97.0 | 97.6 | 97.4 | 97. | 97.6 | 97. | 97. |
| ≥ 1000 | 65.5 | | | 95.7 | 97. | 97.4 | 98.0 | 98.0 | 98. | 98. | 98.0 | 98. | 98. | 98.0 98.3 | 98. | 98• |
| ≥ 800 | 65.7 | 90 • 1 | | 96. | 98.1 | 98. | 99.0 | 99.0 | 99. | 99. | 99.4 | | 99.4 | 99.4 | 99. | 99. |
| ≥ 600 ≥ 500 ≥ 400 | 65.7 | 90.7 | 94. | 96. | 98.4 | 98. | | 99.4 | 99. | 99 | | 99. | 99. | | | 99. |
| ≥ 300 ≥ 300 ≥ 200 | 65.7 | 90. | 94. | 96. | 98.4 | 98. | | 99.5 | 99. | 99 | 99.9 | 99. | | 100.0 | 100. | |
| ≥ 100 ≥ 0 | 65.7 | | 94. | 96. 96. | 98.4 | 98. | 7.7.0 | 99.5 | 99. | 99. | | 99. | 100. | 100.0 | 100. | 100. |

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLI

CEILING VERSUS VISIBILITY

13812 RICKENBACKER AFB UH

57-70-73-78

~%ÄÄY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS

| CEILING | | | | | | | vis | IBILITY (STA | ATUTE MIL | ESı | | | | | | |
|-------------------------|--------------|----------------------|--------------|--------------|----------------------|--------------|------------------|--------------|----------------------|--------------|--------------|------------------|--------------|------------------|---------------|-------------------|
| FEE1 | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2⅓ | ≥2 | ≥1% | ≥1¼ | ≥1 | ≥ ⅓ | ≥,* | ≥% | ≥5 16 | ≥ . | ≥0 |
| NO CEILING ≥ 20000 | 33.8 | 46.7 50.6 | 47.9 52.5 | 48.8 53.7 | 49.5 | 49.7 | 50.0 54.9 | 50.1 55.0 | 50.2 | 50.2 55.1 | 50.2 | 50 • 2 55 • 2 | 50.2 | 50 • 3 | 50.4 55.3 | 50•4 55• |
| ≥ 18000 ≥ 16000 | 37.3 37.5 | 50.9 51.3 | 52.8 53.2 | 54.0 54.4 | 54.7 55.1 | 54.9 55.3 | 55.2 55.6 | 55.3 55.8 | 55.8 | | 55.4 55.9 | 55.5 | 55.5 | 55.6 | 55.6 | |
| ≥ 14000 ≥ 12000 | 38.0 | 52.0 53.3 | 53.9 55.3 | 55.1 56.6 | 55 • t | 56.0 57.5 | 56 • 3 57 • 8 | 56.5 58.0 | 56.5 58.0 | 56.6 38.1 | 56.6 58.1 | 56.6 58.1 | | 56.7 58.2 | 56. 58. | 56 • 58 • 3 |
| ≥ 10000 ≥ 9000 | 41.2 42.0 | 57.3 | 58.3 59.4 | 59.7 60.8 | 60.6 | 60.8 61.9 | 61.1 62.3 | 61.3 62.5 | 61.4 | 61.5 | 61.5 | 61.5 | 61.6 | 62.8 | 62.1 | 62.5 |
| ≥ 8000 ≥ 7000 | 44.2 | 60.5 | 63.1 65.4 | 67.0 | 68.0 | 65.8 | 66.2 68.6 | 66.4 58.8 | 66.4 | 66.5 | 69.0 | 69.0 | 66.6 | 66.7 | 66. | 69.3 |
| ≥ 6000 ≥ 5000 | 46.9 | 67.8 | 67.3 70.8 | | 73.9 | 70.2 | 74.5 | 70•7 74•7 | 70.8 74.8 | 74.9 | | 71.0 75.0 | 71.0 75.0 | 71 • 1 75 • 1 | 71.1 75.1 | 71.2 |
| ≥ 4500 ≥ 4000 | 50.6 52.3 | 73.5 | 73.7 | 75.8 | | 77.4 | 77.8 81.7 | 81.9 | 78.1 82.0 | | 78.3 82.1 | 78.3 82.2 | 78.4 82.2 | 78.4 82.3 | 78.5 2.29_ | 78 • 5 82 • 4 |
| ≥ 3500 ≥ 3000 | 53.4 55.0 | 75.0 77.7 | 78.7 81.5 | 81.1 | 85.8 | 83.0 | 83.5 86.7 | 83.7 87.0 | 83.8 87.0 | 87.1 | 84.0 87.2 | 84.0 87.2 | 87.3 | 84 • 1 87 • 3 | 84.2 87.4 | 84.2 |
| ≥ 2500 ≥ 2000 | 55.9 56.7 | 79.5 81.2 | | 88.4 | 90.6 | 88.7 91.1 | 89.2 91.6 | 92.0 | 89.6 92.1 | 92.2 | 92.3 | 89 • 8 92 • 3 | 89.9 92.4 | | 90.0 | 90 • 1 • • • • |
| ≥ #800 ≥ 1500 | 56.8 57.1 | 81.5 | 85.9 | 90.2 | 92.4 | 91.6 93.1 | 92.1 93.8 | 92.5 94.2 | 92.6 | 94.4 | 92.8 94.5 | 92.8 | 94.6 | 94.6 | 93.0 -94.7 | 93 • 1 94 • 7 |
| ≥ 1200 | 57.2 57.3 | 83.5 | 86.2 | 91.6 | 94.1 | 94.2 | 94.9 | 95.3 96.0 | 95.4 96.1 | 95.6 96.2 | | 95.7 | | 96.5 | 95.9 -96.5 | 95.9 96.6 |
| ≥ 900 ≥ 800 | 57.4 57.4 | | 88.7 | 92.2 | 95.0 | 95.1 95.7 | 95.9 | 96.4 | 96.6 97.2 | 97.4 | | 96.8 | | 97.a | 97.6 | 97.7 |
| ≥ 700 ≥ 600 | 57.4 57.4 | 83.9 84.0 84.0 | | 92.5 | 95.4 | 96.0 | 96.9 | 97.5 97.8 | 97.7 | 97.9 96.4 | | 98 • 1 98 • 5 | | 98.6 | 98.2 98.7 | 92.7 |
| ≥ 500 ≥ 400 ≥ 300 | 57.4 57.4 | 84.0 | 89.0 89.0 | 92.7 | | 96.5 96.6 | | 98.5 | 98.6 98.9 | 99.2 | 99.1 99.4 | 99.1 99.4 | | 99.5 | 99.3 | 99.7 |
| ≥ 200 ≥ 100 | 57.4 | 84.0 | 89.0 | 92.7 | 95.7 95.7 95.7 | 96.6 96.6 | 97.8 | 98.5 | 98.9 98.9 98.9 | 99.3 | | | 99.6 | 99.6 | 99.7 99.7 | 99.6 |
| \$ 0 | 57.4 | 84.0 | | | 95.7 | 96.6 | | | 98.9 | | 99.4 99.4 | 99.5 | 99.6 99.6 | | | 100.0 |

TOTAL NUMBER OF OBSERVATION

7439

USAF ETAC 1044 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

CEILING VERSUS VISIBILITY

13812 RICKENBACKER AEB WH

:7-70,73-78-

WOMINGS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0.00030200

| CEILING | | | | | | | VIS | BILITY (ST | ATUTE MILI | (S) | | | | | | |
|-----------------------|--------------|--------------|--------------|------------------|-------------|-------|-------------|--------------|------------------|--------------------|-------------|------|------|----------------|------|--------------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥21⁄2 | ≥2 | ≥1% | ≥1% | ≥1 | ≥ 1, | ≥'≀ | ≥ % | ≥5/16 | ≥'4 | ≥0 |
| NO CEILING ≥ 20000 | 39.0 41.3 | 58.0 62. | 61. | 64.4 | 65 • 1 | 66.0 | 66. | 66. | 66. | 66.6 | 66.0 | 66. | 72. | 72. | 72. | 66.8 72.8 |
| ≥ 18000 ≥ 16000 | 41.6 41.9 | | 66.4 | 69.8 70. | 71.4 | 71. | 72.0 | 72. | 72 • 72 • | 72. | 72. | 72. | 72. | 72• | 72. | 72•7 |
| ≥ 14000 ≥ 12000 | 42.4 43.8 | 05.0 2002 | 68.4 | 71.8 | 73.4 | 73.7 | 74.0 | 74.7 | 74 • | 74 • 4 - 75 • 1 | 74.4 | 74.4 | 74. | 74 • - 75 • | 74. | 74•7 |
| ≥ 10000 ≥ 9000 | 44.9 45.0 | 68.6 | 72.2 | 75.5 | 77, | 77.5 | 78.0 | 78.2 78.4 | 78 • 2 78 • 2 | 78. 78. | 78.4 | 78.4 | 78 · | 78 • 4 | 78. | 78•7 |
| ≥ 8000 ≥ 7000 | 46.9 48.4 | 71.3 | 75.6 | 81. | 80.4 | 80.8 | 81.6 | 81.0 | 81.6 | 81.8 | 81.4 | 81. | 81. | -84- | 82.0 | 84.8 |
| ≥ 6000 ≥ 5000 | 49.6 | | 78.4 79.5 | 82.0 83.8 | 83.9 85. | 84.2 | 84.7 Pr. | 85.0 | 85.0 86.4 | 85.2 | 85. 87. | 85.7 | 85. | 85. | 85. | 85∙∳ -87•2 |
| ≥ 4500 ≥ 4000 | 50.8 51.3 | 78.1 80.6 | 82.4 | 86 . 3 88 . 6 | 90. | 91. | 91.9 | 89. 92. | 89.7 92.7 | 89.9 | 89.9 92. | 92.4 | 89. | 92.4 | 90 | 90•1 |
| ≥ 3500 ≥ 3000 | 51.8 52.2 | 81.6 | | | 92.(| 93. | 93. | 93.0 | 93.6 | 93. | 93. | 93.8 | 93. | 93. | 94.0 | 95.4 |
| ≥ 2560 ≥ 2000 | 52.3 52.7 | 82.9 | 88.0 | 91.4 | | | 95. | 95. | 95. | 95.9 | 95.9 | 95.9 | 95. | 95.9 | 96. | 96• |
| ≥ 1800 ≥ 1500 | 52.7 53.0 | 83.6 | 89.0 | 93.4 | 94.9 | | 97. | 97. | 96.1 97.9 | 97.0 98. | 97.0 | 98. | 97. | 98+ | 98. | -98-3 |
| ≥ 1200 ≥ 1000 | 53.2 | 84.5 | | 94.2 | 96 • 6 | 97.3 | 98•3 98• | 98.0 | 98.9 | 98 | 98.6 | 98. | 98. | 98 | 99. | 99. |
| ≥ 900 ≥ 800 | 53.3 53.3 | 85.0 | 89.1 | 94.6 | 97. | 97. | 98.9 | 99. | 99. | 99 | 99.4 | 99.4 | 99. | 99. | 99. | 99•7 |
| ≥ 700 ≥ 600 | 53.3 53.3 | 85.0 | 89. | | | 97.0 | 99. | 99. | 99. | 99. | 99.0 | 99. | 99. | 99. | 99. | 99.5 |
| ≥ 500 ≥ 400 | 53.3 | 85.0 | 89. | 94.5 | | 97.9 | 99. | 99. | 99. | 99. | 99. | 99 | 99. | 99. | 99. | 99.9 |
| ≥ 300 ≥ 200 | 53.3 | 85.0 | 89. | 94.1 | 97. | 97. | 99. | 99. | 99. | 99. | 99. | 99 | 99. | 99. | | 99.9 |
| ≥ 100 ≥ 0 | 53.3 53.3 | 85.0 | | | 1 | 97. | | 99. | 99. | 99. | 99.8 | 99. | 99. | | | 0100• 0 |

TOTAL NUMBER OF OBSERVATIONS

90

USAF ETAC NI 24 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

THE AND ASSOCIATION OF THE COMPANY OF

CEILING VERSUS VISIBILITY

13812

RICKENPACKER AFB UH

,7-70,73-78

___ซกักท__

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0,30,0-0500

| CEILING | | | | | | | VISI | BILLTY (STA | ATUTE MILE | ES) | | - | | | | |
|----------------------------|----------------------|--------------|----------------------|----------------------|----------------------|----------------------|--------------|----------------------|------------------|----------------------|--------------|------------------|----------------------|----------------------------|----------------------|--------------|
| 1661 | ≥ 10 | ≥6 | ≥ 5 | ≥4 | ≥3 | ≥252 | ≥2 | ≥11/2 | ≥1% | ≥1 | ≥ ⅓ | ≥'• | ≥'> | ≥5 16 | ≥ . | ≥0 |
| NO CEILING ≥ 20000 | 24.6 25.8 | 45.6 48.6 | 50.0 53.0 | 53.7 57.0 | 57.3 61.4 | 57.9 61.8 | 58.9 62.9 | 59.8 63.9 | 60.0 64.1 | 60.7 | 60.9 | 60.0 | 61.3 | 61.3 | 61.6 | 62.0 |
| ≥ 18000 ≥ 16000 | 25.9 | 48.7 | 53.2 53.7 | 57.7 57.7 | 61.4 | 62.4 | 63.1 | 64.1 64.6 | 64.8 | 65.0 65.4 | 65. | 65.7 | 65.7 | 65.7 _66.1 | 65.9 | 66.3 |
| ≥ 14000 ≥ 12000 | 27.1 | 50.7 52.2 | 55.2 56.8 | 59.2 | 65.3 | 65.9 | 67.0 | 66.1 68.0 | 66.3 68.2 | 67.0 68.9 | 67.2 | 67.2 | 67.7 69.6 | 67.1 69.6 | | 68.3 |
| ≥ 16000 ≥ 9000 | 29.6 | 54.9 55.2 | 59.6 59.9 | 64.3 | 68.7 | 68.9 | 76.0 70.3 | 71.0 71.3 | 71.2 71.6 | 72.2 | 72.4 | 72.4 | 72.6 | 73.0 | 73.2 | 73.7 |
| ≥ 8000 ≥ 7000 | 30.4 31.0 | 56.9 58.1 | 63.8 | 68.3 | 70.8 | 71.3 | 74.9 | 74.1 | 74.3 76.4 | 75.0 | 75.3 | 75.3 | 75.6 | 75.9 78.0 | 78. | 78.5 |
| ≥ 6000 | 31.9 33.1 33.9 | 59.8 | 67.4 | 70.3 72.3 | 75.1 77.2 | 75.7 | 77.1 | 78.4 80.6 | 78.7 80.8 | 79.3 81.4 | 79.7 | 79.7 81.5 | 80.1 82.2 | 80 • 2 82 • 3 | 80.6 82.8 | 83.2 |
| ≥ 4500 ≥ 4000 | 34.4 35.1 | 64.7 | 68.9 70.9 71.9 | 73.9 76.1 77.2 | 78.6 81.7 83.1 | 79.3 82.3 | 83.9 | 82•2 85•3 | 82.4 85.6 | 83.1 | 83.4 86.6 | 86.6 | 83.9 | 84.0 | 87.7 | 84.9 |
| ≥ 3500 ≥ 3000 ≥ 2500 | 35.3 35.8 | 66.4 | 73.1 74.0 | 78.4 | 85.0 | 83.8 85.7 86.8 | 85.4 | 86.9 88.9 | 87 • 1 89 • 1 | 87.8 89.8 | 88.1 90.2 | 88 • 1 90 • 2 | 88.0 90.7 | 88 • 7 90 • 8 | | 91.6 |
| ≥ 2500 ≥ 2000 ≥ 1800 | 36.0 36.1 | 67.7 | 74.9 | 80.6 | 87.1 | 87.8 | 89.6 89.6 | 90.0 91.0 91.1 | 91.2 | 90.9 91.9 92.0 | 91.3 | 91•3 92•4 | 91.8 | 91.9 93.0 | 93.6 | 94.0 |
| ≥ 1500 | 36.3 | 69.0 | 76.2 | 82.8 | 88.8 | 89.4 | 91.2 | 91.1 92.7 93.3 | 92.9 93.6 | | 92.6 94.1 | 92.6 94.1 | 93.0 94.0 95.2 | 93 • 1 94 • 7 95 • 3 | 93.7 95.2 95.9 | 94•1 |
| ≥ 1000 | 36.4 | 69.6 | | 83.4 | 90.2 | 90.9 | 92.8 | 94.9 | 94.6 95.1 | | 95.8 96.3 | 95.8 | 96.8 | 96.9 | 96.9 97.4 | 96•3 97•3 |
| 2 700 | 36.7 36.7 | 70.0 | 77.7 | 84.2 | 91.3 | 7 7 7 | 93.9 | 95.4 95.6 | 95.7 | 96.3 | 96.9 97.0 | 96.9 | 97.3 97.4 | 97.4 | 98.0 | 98.4 |
| ≥ 600 | 36.7 36.7 | 70.0 | 77.7 | 84.2 | 91.4 | 97.3 | 94.2 | 95.8 96.1 | | 96.7 | 97.2 97.6 | 97.2 | 97.7 98.0 | 97.8 98.1 | 98.3 98.7 | 98.9 |
| ≥ 400 | 36.7 36.7 | 70.0 | 77.7 | 84.2 | 91.4 | | 94.6 | 96.1 | 96.3 | 97.0 97.1 | 97.6 97.7 | 97.6 | 98.0 98.1 | 98 • 1 98 • 2 | 98.7 98.8 | 99.2 |
| ≥ 700 ≥ 100 | 36.7 36.7 | 70.0 | 77.7 | 84.2 | 91.4 | 92.4 | 94.6 | 96•1 96•1 | 96.3 | 97.1 | 97.7 97.7 | 97.7 97.7 | 98 · 1 | 98.2 | 98.8 | 99.3 |
| ≥ 0 | 36.7 | 70.0 | 77.7 | 84.2 | 91.4 | 92.4 | 94.6 | 96.1 | 96.3 | 97.1 | 97.7 | 97.7 | 98.1 | 98.2 | | 100-0 |

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

13812 RICKENBACKER AEB UH

47-70-73-78

-0600,0800

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | | | | | | | VIS | BILITY (ST | ATUTE MIL | ES) | | | | | | |
|-----------------------|--------------|--------------|--------------|--------------|------------------|---------------|------------------|--------------|--------------|-------------------|--------------|---------------|--------------|---------------|---------------|------------------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥21⁄2 | ≥2 | ≥1% | ≥1¼ | ≥1 | ≥ ′4 | ≥'• | ≥ % | ≥\$ 16 | ≥ . | ≥0 |
| NO CEILING ≥ 20000 | 15.9 | 34.8 | 40.4 | 45. | 50 · 1 | 52.0 | 54. | 56.3 | 57.0 | 57. | 57. | 57. | 57. | 57. | 57. | 58 |
| ≥ 18000 ≥ 16000 | 17.7 | 39. | 45. | 50.6 | 56. | 59. | 61. | 63. | 64. | 64. | 64.4 | 64. | 64. | 64. | 65.0 | |
| ≥ 14000 ≥ 12000 | 18.0 | 40.2 | 45.9 | 51. | 56 · | 39.0 | 1 | 63. | 64. | 64. | 64.6 64.6 | 64. | 65. | 65.2 | 65. | 66 |
| ≥ 10000 ≥ 9000 | 19.5 | 44.7 | 50.7 51.2 | 56.0 | 62. | 65.3 | 67. | 69.7 | 70. | 70.0 | 71.0 | | 71. | 7: | 71. | 72 |
| ≥ 8000 ≥ 7000 | 20.0 | 45.9 | 53.1 54.1 | 58.6 59.6 | 65.0 | 69.7 | 70 • ! 71 • ! | 72.° | 73.7 | 74 • 75 • 75 • 75 | 74. | 74. | 74. | 74.0 | 75. | 72 |
| ≥ 6900 _ 5000 | 20.6 | 47.7 | 54.9 56.5 | 60.6 | 67.0 | 70.5 | 73.0 | 75.3 77.3 | 76 • 2 | 76 • 5 | 77.0 | 77.0 | | 77 • : | 77.0 | |
| ≥ 4500 ≤ 4000 | 21.6 | 49.5 51.2 | 57.5 59.4 | 63.4 | 69.9 72.2 | 73.4 | 76.0 78.6 | 78.3 | 79. 82. | 79.3 | 80.0 | 80.0 | 80 · 2 | 80 • 3 82 | 80.0 | 80 81 84 |
| ≥ 3500 ≥ 3000 | 22.0 | 51.7 53.1 | 60.1 | 66.4 | 73.1 75.0 | 77.0 | 79. | | 83. j | პვ. | 84.0 | 84.0 | 84. | 84.4 | 84.6 | • |
| ≥ 2500 ≥ 2000 | 23.0 23.0 | 53.7 53.9 | 62.7 | 69.7 | 76.0 76.0 | 80.6 | 82.8 83.4 | 85.8 | 86.7 | 87.3 | 88.0 | 88.0 | 88.4 | 88.7 | 89.0 | |
| ≥ 1800 ≥ 1500 | 23.7 | 54.3 55.2 | 64.4 | 70.0 71.2 | 77.) 78.8 | 81.1 82.8 | 83.9 85.7 | 86.9 88.8 | 87.8 89.7 | 88.4 | 89.1 | 89.1 | 89. | | 90.1 | 90 |
| ≥ 1200 ≥ 1000 | 23.5 | 55.7 56.0 | 65.3 | 72.5 | 80 • 1 80 • 6 | 84.2 | 87.2 | 90•3 91•3 | 91.2 | 91.9 | / PP 7 7 | 92.5 | 93.0 | 93.2 | 93.5 | 94 |
| ≥ 900 ≥ 800 | 23.5 | 56.3 56.5 | 65.9 66.2 | 73.5 | 81 • 2 82 • (| 85.4 86.2 | 88.5 | 92.0 | 92.9 | , , , , | 94.2 | 94.7 | 94.7 | 94.9 | 95.2 -96.2 | |
| ≥ 700 ≥ 600 | 23.7 | 56.5 56.5 | 66.2 | 73.5 73.5 | 82.0 | 86.4 -86.7 | 90.0 | 93.4 | 94.3 | 95.0 95.3 | 95.8 | 95.8 96.1 | | 96.4 | 96.8 | |
| ≥ 500 ≥ 400 | 23.7 23.7 | 56.5 56.5 | 66.2 | 73.9 | 82.2 | 86.7 86.7 | 90.3 | 94.1 | 95•1 95•1 | 95.8 95.8 | 96.0 | 96.6 -96.4 | | | 97.6 | 98 |
| ≥ 300 ≥ 200 | 23.7 23.7 | 56.5 56.5 | 66.2 66.2 | 73.5 | 82.2 82.2 | 86.7 86.7 | 90.3 | 94.1 | 95•3 95•4 | 96.4 96.7 | 97.2 | 97.5 | 97.6 98.1 | 98•0 -98•3 | 98.3 | 99 - 9 9 |
| 2 100 | 23.7 23.7 | 56.5 55.5 | 66.2 66.2 | 73.5 | 82.2 | 86.7 86.7 | 90.3 | 94.2 | 95.4 95.4 | 96.7 | 97.4 | 97.6 | 98.1 | 98.3 | 98.8 -98.8 | |

TOTAL NUMBER OF OBSERVATIONS

000

USAF ETAC 1014 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13812

RICKENSACKER AFB UI

67-70,73-78

<u>JUN</u>

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0200-1100

| CEILING | | | | | | | VIS | IBILITY (STA | ATUTE MIL | ES: | | | | | | |
|----------------------------|----------------------|----------------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------|----------------------|----------------------|--------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2% | ≥ 2 | ≥1½ | ≥1% | ≥1 | ≥ 14 | ≥,• | ≥ '∿ | ≥ 5·16 | ≥ . | ≥0 |
| NO CEILING ≥ 20000 | 25.4 27.4 | | 52.3 56.8 | 54.4 59.2 | | 56.9 62.3 | 57.4 63.1 | 57.4 63.2 | 57.4 63.2 | 57.4 63.2 | 57.4 63.2 | 57.4 63.2 | 57.4 63.2 | 57.4 63.2 | 57. 63. | 57.4 63.2 |
| ≥ 18000 ≥ 16000 | 27.7 | 51.3 51.9 | 57.0 57.0 | | 62.2 | 63.7 | 63.4 | 63.6 64.1 | 64.1 | 64.1 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.0 |
| ≥ 14000 ≥ 12000 | 29.6 | 54.8 | 58.9 | | 63.6 | 66.9 | 65.3 | 65.4 | 65.4 67.8 | 67.8 | 67.8 | 65.4 67.8 | 67.8 | 65.4 67.8 | 67. | 67.6 |
| ≥ 10000 ≥ 9900 | 31.3 | 58.0 | 64.6 | | 69.4 | 70.7 | 71.0 71.4 | 71.7 71.7 | 71.2 | 71.2 | 71.2 71.7 | 71.7 | 71.2 | 71.2 | 71. | 71.7 |
| ≥ 8000 ≥ 7000 ≥ 6000 | 32.2 32.4 33.0 | 60.2 | 67.0 68.0 | 68.9 | 71.7 | 72.6 | 73.4 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 <u>74.7</u> | 73.7 | 73.7 | 73. | 73.7 |
| ≥ 5000 ≥ 5000 | 33.6 34.0 | 62.0 | 68.5 | 71.9 | 73.3 74.4 75.3 | 74.7 75.8 76.9 | 75.7 | 75.9 77.0 | 75.9 | 77.0 | 77.0 | 75.9 | 77.0 | 75.9 | _7.7. | 77.4 |
| ≥ 4000 ≥ 3500 | 34.8 | 65.1 | 72.6 | | 78.6 | 80.1 | 78 • 1 81 • 3 | 78.3 81.6 | 78.3 91.6 83.2 | 78.3 81.6 83.2 | 81.4 | 78.3 81.6 | 78.3 81.6 | 78.3 | 78.3 | 81.6 |
| ≥ 3000 | 37.7 | 69.9 | 77.7 | 81.7 | 84.2 | 85.8 87.7 | 83.0 87.0 88.9 | 83.2 87.2 89.1 | 87.2 89.1 | 87.2 89.1 | 83.2 87.2 89.1 | 83.2 87.2 | 83.2 | 87.2 | 83.2 | 87.2 |
| ≥ 2000 ≥ 1800 | 38.9 | 72.8 | | 84.8 | | 89.8 90.2 | 91.0 | 91.2 | 91.2 | 91.2 91.7 | 91.2 | 89.1 91.2 91.7 | 89.2 91.3 | 89.2 91.3 91.8 | 89.2 91.3 91.8 | -91-3 |
| ≥ 1500 | 39.3 | 74.8 | 83.8 | 87.6 | | 93.0 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 1000 | 39.7 39.7 | 75.6 75.7 | 84.2 | 89.6 | 94.4 | 96.0 | 97.3 | 97.6 | 97.6 98.0 | 97.6 98.0 | 97.6 | 97.6 98.0 | 97.7 | 97.7 | 97.7 98.1 | 97.7 |
| ≥ 800 | 39.7 39.7 | 75.8 75.8 | 84.4 | | | 96.8 | 98.3 | 98.6 | 98.6 | 98.6 | 28.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 600 | 39.7 39.7 | 75.8 75.8 | 84.4 | 90.0 | 95.3 | 97.0 97.1 | 98.9 | | 99.2 | 99.2 | 99.2 | 99.4 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 ≥ 300 | 39.7 39.7 | 75.8 75.8 | 84.4 | 90,1 | 95.6 | 97.2 97.2 | 99.2 99.2 | | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 ≥ 0 | 39.7 39.7 39.7 | 75.8 75.8 75.8 | 84.4 84.4 | 90.1 90.1 90.1 | 95.6 95.6 | 97.2 97.2 97.2 | 99.2 | | 99.6 99.6 | 99.7 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13812 RICKENBACKER AEB UH

-1200-1400

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | | | | ···· | | | VIS | IBILITY (ST | ATUTE MIL | ES) | | | | | | |
|----------------------------|--------------|--------------|---------------|--------------|----------------------|---------------|--------------|--------------|---------------|--------------|------------|------------|------------|------------|----------------|------------------|
| IEET . | ≥10 | ≥6 | ≥\$ | ≥4 | ≥3 | ≥27⁄7 | ≥ 2 | ≥1% | ≥1¼ | ≥1 | ≥ 34 | ≥,• | ≥ '7 | ≥ 5/16 | ≥ '• | ≥0 |
| NO CEILING ≥ 20000 | 29.6 | | 46.5 | 48.2 | 49.0 | 49.0 | 49. | 49.1 | 49.1 | 49. | 49. | 49. | 49. | 49. | 49. | 49. |
| ≥ 18000 ≥ 16000 | 32.2 | 48.7 | 51.4 52.1 | 53.1 53.4 | 53.4 54. | 53.9 54.2 | 54 · (| 54.0 | 54.0 | 54.0 | 54.0 | | 54.0 | 54. | 54.0 | 54.0 |
| ≥ 14000 ≥ 12000 | 33.1 33.1 | 49,8 | 52.5 | 54.7 56.1 | 55.0 | 55.0 57.0 | 55•1 57• | 55.1 57.1 | 55 ·] | 55. | 55. 57. | 55. 57. | 55. 57. | 55. 57. | 55. | 55 |
| ≥ 10000 | 34.8 | | 57.3 57.4 | 58.8 58.9 | 59.4 | 59.9 -60.0 | 6() • (| 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 8000 ≥ 7000 | 36.6 36.8 | 54.2 | 59.7 _60.4 | 61.7 | 62.4 | 62.4 | 62.6 | -63.4 | 62.6 _63.4 | 63.4 | -63.4 | 63.4 | 63.4 | 62.6 | -63. | 62.6 |
| ≥ 6000 ≥ 5000 | 37.6 | 58.9 | 61.4 63.4 | 63.3 | 64.4 -66.1 | 64.5 | 65.0 | 65.0 | 65.0 | 65.0 | 67.6 | 67.0 | -67+(| 65.0 | 67. | 65•0 |
| ≥ 4500 ≥ 4000 | 39.1 42. | 61.4 | 65,9 _73.6 | 67.8 75.1 | 77.4 | 77.5 | 70.0 | 70•1 | 70•1 | 70 • 1 | 70 • 1 | 70 • 1 | 70 • 1 | 70•1 | 70. | 70 • 1 |
| ≥ 3500 ≥ 3000 | 44.1 | 71.0 | 76.6 | | 81. | 81.7 | 81.8 | 81.9 | 81.9 -89.8 | 81.9 89.5 | 81.5 | 81.9 | 81.9 | 81. | 81.9 | 81 • 9 89 • 5 |
| ≥ 2500 ≥ 2000 ≥ 1800 | 49.6 | 81.6 | 86.9 | 89.8 91.5 | 95. | 93.0 | 95.9 | 93.3 | 93.3 | 93.3 | 93.3 | 96. | 93.3 | 93•3 | 93.3 | |
| ≥ 1500 | 49.5 | 7 | 89.0 | | | 96.0 | 97.6 | 96.3 | 96.3 | 96. | 96.3 | 96.3 | 96. | 96. | 96.2 | 96.3 |
| ≥ 1000 | 50.2 50.2 | 82.7 82.8 | | 94.0 | 98.7 | 98.7 98.8 | 98.9 99.1 | 99.0 | 99.7 | 99.7 | 79. | 99.2 | 99. | 99+ | -99. | 99.0 |
| ≥ 900 ≥ 800 | 50.2 50.2 | 82.9 | 90.1 | 94.2 | 98.4 98.4 98.6 | 99.0 99.1 | 99.4 | 99.4 | 99.4 | 99.6 | 29. | 99.7 | 99.6 | 99. | _99. | 99.6 99.7 |
| ≥ 500 | 50. 50. | 82.9 | 90.1 | 94.7 | 98.4 | 99.1 | 99.6 | 99.7 | 99. | 99. | 29.4 | 99.5 | 99. | 99.6 | -99.6 100.0 | -99 · H |
| ≥ 400 | 50.2 50.2 | 82.9 | 90.1 | 94.2 | 98.7 | 99.2 | 99.8 | 99.9 | 99.5 | 100.0 | 100.0 | 100-0 | 100-0 | 100.0 | | 100-0 |
| ≥ 200 | 50.2 | 82.9 | 90.1 | 94.2 | 98.7 | 99.2 | 99.8 | 99.9 | 99.9 | 100-0 | 100-0 | 100-0 | 100-0 | 100-0 | 100-0 | 100.0 |
| 2 0 | 50.2 | 82.9 | | 94.2 | 1 | 99.2 | | 1 | | | | | | | | 100-0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 1000 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE CASE

CEILING VERSUS VISIBILITY

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RICKENPACKER AFB OH

67-70,73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING | | | | - | | | VIS | IBILITY (ST | ATUTE MIL | ES) | | | | | | |
|-------------------------|----------------------|------------------|------------------|--------------|--------------|--------------|----------------------|---------------|--------------|------------------|---------------|---------------|---------------|---------------|--------------|------------------|
| reet | ≥10 | ≥6 | ≥5 | ≥ 4 | ≥3 | ≥25 | ≥2 | ≥177 | ≥1% | ≥1 | ≥ 1, | ≥,• | ≥ % | ≥5 16 | ≥ '4 | ≥0 |
| NO CEILING ≥ 20000 | 36.1 39.4 | 46.8 52.4 | 48 • 1 54 • 2 | | 49.9 56.0 | 49.9 56.0 | 49.9 56.0 | 49.9 | 49.9 | 49.9 56.0 | 49.9 56.0 | 49.9 | | 49.9 56.0 | 49.9 | 49.9 |
| ≥ 18000 ≥ 16000 | 39.7 40.3 | 52.7 53.6 | 54.6 55.4 | 57.1 | 56.3 57.2 | 56.3 57.2 | 56.3 57.2 | 56.3 57.2 | 56.3 57.2 | 56.3 57.2 | 56.3 57.2 | 56.3 57.2 | 56.3 57.2 | 56.3 57.2 | 56.3 57.2 | 56 • 3 57 • 2 |
| ≥ 14000 ≥ 12000 | 40.7 | 54.6 | | 58.4 | 57.7 58.6 | 57.7 58.6 | 57.7 50.6 | 57.7 58.6 | 57.7 58.6 | 57.7 58.6 | 57.7 58.6 | 57.7 58.6 | 57.7 58.6 | 57.7 _58.6 | 57.7 58.6 | 57.7 |
| ≥ 10000 ≥ 9000 | 42.4 | | | 61.9 | 62.0 | 61.9 62.0 | 61.9 6 <u>.</u> 6 | 61.9 62.0 | 61.9 | 62.0 | 61.9 | 61.9 | 61.9 | 61.9 _62.0 | 61.9 | 61.9 |
| ≥ 8000 ≥ 7000 | 44.1 | 61.9 | 62.6 64.1 | 66.9 | 64.6 66.6 | 64.8 66.6 | 64.8 | 64.8 _66.6 | 64.8 66.6 | 64.8 | 64.8 -66.6 | 64.8 -66.6 | 64.8 -66.t | 64.8 _66.6 | 64.8 | -66-6 |
| ≥ 6000 ≥ 5000 | 45.8 | 66.3 | 69.3 | 67.9 71.4 | 72.0 | 72.0 | 68.0 72.1 | 68.6 72.1 | 72.1 | 68.6 72.2 | 72.2 | 68.6 72.2 | 68.6 | 68.6 | 72.2 | 72.2 |
| ≥ 4500 ≥ 4000 | 48.1 51.2 | 69.2 75.3 | | | 76.4 84.0 | 8, 4 | 84.2 | 76.7 84.3 | 76.7 84.3 | 76.8 84.4 | 76.8 | 76.8 84.4 | 76.8 84.4 | 76.5 84.4 | 76.8 84.4 | 84.4 |
| ≥ 3500 ≥ 3000 | 53.7 55.3 | 80 • 1 83 • 4 | | 91.6 | 89.2 92.7 | 9, | 0,4 كعفر | 89•6 93•1 | 89.6 93.1 | 89.7 93.2 | 89.8 93.3 | 89.8 93.3 | 89.8 93.3 | 89.8 93.3 | 93.3 | 93.3 |
| ≥ 2500 ≥ 2000 | 56.0 56.8 | 87.1 | 92.3 | 93.3 95.8 | 94.7 | 94.4 | | 95.2 | -CHELL | 95.4 98.1 | 95.0 98.2 | 95.6 98.2 | 95.6 98.2 | 98.2 | 98.2 | 95.6 |
| ≥ 1800 ≥ 1500 | 56.8 56.8 | 87.1 | 92.4 | | 97.2 97.4 | 97.8 | | 98.0 98.2 | 98.1 98.3 | 98 • 2 98 • 4 | 98.3 98.6 | 98.3 98.6 | 98.3 98.6 | 98.3 98.6 | 98.3 98.6 | 98.4 |
| ≥ 1200 | 56.9 56.9 | 87.3 | 92.7 | 96.6 | 98•2 98•2 | 98.6 98.6 | 93.9 98.9 | 99.0 99.0 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 99.3 | 99.3 | 99.3 |
| ≥ 900 ≥ 800 | 57.1 57.1 57.1 | 87.6 87.6 | 93.0 | 96.9 | 98.6 98.7 | 99.1 | 99.2 | 99.6 | 99.4 | 99.6 | 99.7 | 99.7 | 99.5 | 99.7 | | 99.7 |
| ≥ 700 | 57.1 | 87.6 | 93.0 | 96.9 96.9 | 98.7 98.7 | 99.1 99.1 | 99.4 | 99.6 | 99.7 | 99.8 99.8 | 99.9 | 99.9 | | | 99.9 | |
| ≥ 500 ≥ 400 ≥ 300 | 57.1 | 87.6 87.6 | 93.0 | - | 98.7 | 99.1 99.1 | 99.4 | 99.6 99.6 | 99.7 | 99.8 99.8 | 99.9 | 99.9 | | 99.9 | 99.9 | |
| ≥ 300 ≥ 200 ≥ 100 | 57.1 | 87.6 | 93.0 | 96.9 | | 99.1 99.1 | 99.4 99.4 | | | 99.8 99.8 | 99.9 | 99.9 | | | 99.9 | 99.9 |
| 2 0 | 57.1 | 87.6 | 93.0 | | 98.7 | 99.1 | 99.4 | 99•6 99•6 | | 99.8 | | 99.9 99.9 | 1. | 99.9 100.0 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC -0.04 0-14-5 (OL A) MENOUS EDITIONS OF THIS FORM ARE OBSCREE

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1.80032000

| CEIUNG | | | | | | | VIS | BILITY 15TA | ATUTE MILI | ES) | | | | | | |
|----------------------------|--------------|----------------------|--------------|-------------|------------------|----------------------|---------------|--------------|------------------|-------------------|------------------|------------|-------------------|-------------|-------------------|-----------------------|
| 1661 | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2% | ≥2 | ≥1% | ≥1½ | ≥1 | ≥ ¹ 4 | ≥'• | בי ≤ | ≥5 16 | ≥ '• | ≥0 |
| NO CEILING ≥ 20000 | 39.4 41.6 | 50.6 56.6 | 53.6 | 54.6 | 54.4 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55. | 55.0 61.0 |
| ≥ 18000 ≥ 16000 | 42.4 | 57.7 57.0 | 60. | 61. | 61.4 | 62.0 | 62.6 | 62. | 62.0 | 62.0 | 62.0 | 62. | 62. | 62. | 62. | 62.0 |
| ≥ 14000 ≥ 12000 | 43.0 | 59.5 | 61. | 62. | 63. | 63.3 | 63.3 | 64.5 | 64. | 63.3 | 63.1 | 63. | 63. | 63. | 63. | 63•3 -64•7 |
| ≥ 10000 ≥ 9000 | 45.8 | Char | 67.9 | 68.6 69. | 69. | 69.7 | 67.5 | 69•3 | 69•3 | 69. | 69. | 69.5 | 69 | 69. | 69. | 69•2 |
| ≥ 8000 ≥ 7000 | 48.0 | 69.4 | 71.4 | 73.1 | 73. | 73.5 | 73.6 | 73.8 | 73.6 | 73. | 73.8 | 73• | 73. 76. | 73.6 76. | 73. | 73 • 8 - 76 • 1 |
| ≥ 6000 ≥ 5000 | 50 · J | | 75.0 | 76.8 | 77•6 80•6 | 77.1 80.6 | 77.7 -20-6 | 77•1 | 77.7 80.4 | 77.7 80.4 | 77. | 77• | 80 | 80.0 | 77. | 80.0 |
| ≥ 4500 ≥ 4000 ≥ 3500 | 51.4 | 74.9 | 80.2 84.1 | 87.2 | 84. | 84.4 | 84.4 | 84.6 | 84.6 | 84.6 | 84.6 | 83*1 | 84. | 84.6 | 89 | 84.6 |
| ≥ 3000 | 54.(55.6 | 84.4 | 90.7 | 94.1 | 92 • 1 96 • 1 | 92.3 | 92.4 96.1 | 92.6 | 92.6 | 92. 97. 97. | 92. | 92. 97. | 92• 97• 97• | 92. 97.(| 92. 97. 97. | 92.0 -97.0 97.8 |
| ≥ 2500 ≥ 2000 ≥ 1800 | 55.9 55.9 | 84.7 85.2 85.2 | 91.6 91.6 | 95.0 | 96 • 7 97 • 2 | 96.5 97.4 97.4 | 97.1 97.1 | 97.6 98.1 | 97•6 98•1 | 98 98 | 97.7 98.2 | 98 | 98 | 98 98 | 98.4 | 98.4 98.4 |
| ≥ 1500 | 56.3 | 85 · 8 | 92.2 | 95.7 | 97.9 | 98.1 | 98.9 | 98.8 | 98 • 6 99 • 3 | 98.9 | 99.0 | 99.0 | 99. | 22.0 | -84-1 | 99.7 |
| ≥ 1000 | 56.3 56.3 | 86.2 86.2 | 92. | 96.3 | 98.4 | 98. | 99.0 | 49.2 | 99.3 | 99 99 | 99.6 | 99 | 99 | 99. | 99. | 99.6 |
| ≥ 800 | 56. | 86.2 | 92.1 | 96.4 | 98. | 98.9 | 95.1 | 99.6 | 99.6 | 99. | 99 | 99.1 | 99. | 99.1 | 99.5 | 99.4 |
| ≥ 600 | 56.3 | 86.2 | 92.6 | 96.4 | 98. | 98.9 | 99. | 99. | 99. | 99.1 99.1 | 99.9 | 99.4 | 99. | 99.0 | 100.0 | 100-0 |
| ≥ 400 ≥ 300 | 56.3 56.3 | 86.2 | 92.1 | 96.4 | 98.7 | 98.9 | 99. | 99. | 99. | 99 | 79.5 | 99.0 | 99. | 99.9 | 100.0 | 100+0 |
| ≥ 100 | 56. | 86.2 86.2 | 92. | 96.4 | 98.7 | 98.9 | 99.2 | 99. | 99. | 99 99 | 99.9 | 99. | 99. | 99.9 | 100- | 100.0 |
| 2 0 | 560 | 86.2 | 92.1 | 96.4 | 98. | 98.5 | | 99 | 99. | ر وو | 99.5 | | 99. | ، وو ا | 100-0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC 10.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

0

CEILING VERSUS VISIBILITY

13812 RICKENBACKER AFE OH

·7-70.73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | | | | | | | VIS | 18161TY (\$T. | ATUTE MILE | ES. | | | | | | |
|----------------------------|--------------|----------------------|----------------------|----------------------|----------------------------|----------------------|----------------------|----------------------|--------------|----------------------|----------------------|----------------------|----------------------|--------------|-------------------------|---------------|
| i itti | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2'7 | ≥2 | ≥15/ | ≥1. | دا | ه ۸ ≦ | ≥ '• | ≥ ; | ≥5 16 | ≥. | ≥0 |
| NO CEILING ≥ 20000 | 42.7 45.1 | 57.6 62.8 | 60.4 | 61.9 | 62.7 | 63.3 | 63.4 68.9 | 63.4 | 63.4 68.9 | 68.9 | 63.4 | | | | 63.4 | 63.4 |
| ≥ 18000 ≥ 16000 | 45.4 | 63.3 64.0 | 66.2 | 67.7 68.3 | 69.3 | 69.3 70.0 | 69.4 70.1 | 69.4 70.1 | 69.4 70.1 | 69.4 70.1 | 69.4 70.1 | 69.4 | 69.4 70.1 | 70.1 | 69.4 70.1 | 70.4 |
| ≥ 14000 ≥ 12000 | 46.0 | 64.4 | 68.2 | 68,8 | 69.8 70.9 | 71.6 | 70.6 71.7 | 70.6 71.7 | 70.6 71.7 | 70.6 | _71.7 | 70.6 _71.7 | 70 • 6 -71 • 7 | 70.6 | 70.6 | 70.4 |
| ≥ 9000 ≥ 9000 | 49.7 | 67.9 | | 73.4 | 74.7 75.4 | | 75.6 | 75.6 -76.3 | 75.6 76.3 | 75.6 76.3 | 76.3 | 76.3 | 75.6 _76.3 | 76.3 | 76.3 | 75.6 -76.3 |
| ≥ 8000 ≥ 7000 ≥ 6000 | 50.4 51.3 | 72.0 73.7 74.0 | 75.0 76.2 77.2 | 76.4 77.7 78.6 | 77.6 | 78.9 80.1 81.2 | 79.1 20.3 | 79•1 80•3 | 79.1 80.3 | 79.1 80.3 | 79.1 80.3 | 79.1 80.3 | 79.1 80.3 | 79.1 80.3 | 79.2 | 80.4 |
| ≥ 5000 ≥ 4560 | 52.8 54.1 | 76.2 78.7 | 79.4 | 81.1 | 80 · i 82 · 4 85 · 8 | 83.6 | 81.4 83.8 87.1 | 81.4 83.8 87.1 | 83.8 | 81.4 83.8 87.1 | 81.4 83.8 87.1 | 81.4 83.5 87.1 | 81.4 83.8 87.1 | _83.8 | 83.5 | _83.9 |
| ≥ 4000 | 55.6 55.7 | 81.6 | 85.1 87.0 | 87.4 | 89.3 92.2 | 90.4 | | 90.8 | | 9n.8 | 90.8 | | | 90.0 | | 30.9 |
| ≥ 3000 | 56.4 | 84.1 | 88.0 | - | 94.3 | 95.4 | | | 96.1 | 96.1 97.2 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 | 96.4 |
| ≥ 2000 | 56.8 56.9 | 85.2 | 90.0 | 93.2 | 95.7 | 96.8 97.0 | 97.3 | 97.7 97.9 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.6 | 9.7.8 |
| ≥ 1500 ≥ 1200 ≥ 1000 | 57.0 57.0 | 85.9 | 90.4 | 93.7 | 96.4 | 97.6 97.6 | 98.1 98.1 | 98.6 98.6 | 98.6 | 98.6 98.6 | 98.6 | | 98.6 | 98.6 | | 98.7 |
| ≥ 900 ≥ 800 | 57.0 57.0 | | 90.7 | 94.0 | 96.6 | | 98.7 | 99.2 | | | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | |
| 2 /00 ≥ 600 | 57.0 57.0 | 86.1 | 90.7 90.7 | 94.1 94.1 | 97.2 97.3 | 98.3 98.4 93.4 | 99.1 | | 99.7 | 99.6 99.7 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | |
| ≥ 500 ≥ 400 | 57.0 57.0 | 86.1 | 90.7 | 94.1 94.1 | 97.3 | 98.4 | 99.2 | 99.8 | 99.8 | 99.8 | 99.9 | | 99.9 | 99.9 | 100.0 100.0 100.0 | 100 · d |
| ≥ 300 ≥ 200 | 57.0 57.0 | 86.1 | 90.7 90.7 | | 97.3 97.3 | 98.4 | 99.2 | 99.8 | 99.8 | | 99.9 | | 99.9 | 99.9 | 100.0 | 100 · d |
| ≥ 100 ≥ 0 | 57.0 57.0 | | 90•7 90•7 | 94.1 94.1 | 97•3 97•3 | | | | | 99.8 99.8 | | 99.9 | - | 99.9 | 100.0 100.0 | 100 · q |

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC NI 64 0-14-5 (OL A) MEVIOUS FORTIONS OF THIS FORM ARE OBSOLETE

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | | | | | | | VISI | BILITY (STA | TUIE MILE | E5) | | | | | | |
|-----------------------|--------------|------------------|------------------|--------------|------------------|--------------|--------------|------------------|------------------|-------------------|--------|------------|--------------|--------|------|----------------------------|
| HEET | ≥10 | ≥6 | ≥5 | ≥ 4 | ≥3 | ≥27⁄2 | ≥ 2 | ≥179 | ≥1% | ≥1 | ≥ ∿ | ≥'• | ≥ ⅓ | ≥ 5/16 | ≩.• | ≥0 |
| NO CEIL'NG ≥ 20000 | 31. | 48.1 | 51.0 | 54.0 59. | 55° | 56.: 61. | 56. | 57.2 | 57.3 -62.9 | 57.4 | 57.5 | 57. 63. | 57. | 57. | 57. | 57. |
| ≥ 18000 ≥ 16000 | 34.0 | 53.1 53.5 | 56.9 57.3 | 59.4 59.9 | 61.5 | 62. | 62. | 63.4 | 63.2 | 63. | 63.4 | 63. | 63. | 63. | 63. | 63.7 |
| ≥ 14000 ≥ 12000 | 35.0 35.7 | 55.6 | 58.3 | 60.0 | 62.9 | 63. | 64. | 64. | 64.6 | 64. | 64.8 | 64. | 66. | 64.° | 65.0 | 65•1 |
| ≥ 10000 ≥ 9000 | 37.1 37.3 | 58.6 | 62.9 | 65.0 | 67. | 68.5 | 69. | 69.0 70.0 | 69.7 | 70.7 | 69.9 | 69. | 70. | 70 • 0 | 70.5 | 70•2 |
| ≥ 8000 ≥ 7000 | 38.6 | 01.1 | 67. | 70.0 | 70. | 71.6 | 72.5 | 72.8 | 72.9 | 73.1 | 73.2 | 73.7 | 73. | 73. | 73. | 73•5 |
| ≥ 6000 ≥ 5000 | 39.9 40.8 | 63. | 68 • 3 70 • 3 | 71.3 | 73.6 | 76.5 | 75. 77. | 75.° 78. | 76•1 -78•7 | 76 • 2 -78 • 4 | 76 • 3 | 76. | 76.4 78.4 | 76. | 76. | 76•7 |
| ≥ 4500 ≥ 4000 | 41.6 | 67.3 70. | 72. | 75.9 79.9 | 78.6 | 79.5 83.9 | 80.3 84. | 80 • 9 85 • 4 | 81.0 | 85. | 81.3 | 81. | 81.4 85.4 | 81.4 | 81. | 81•7 |
| ≥ 3500 ≥ 3000 | 44.0 | 72.5 | 78. | 82.2 85.3 | 85.4 | 86. | 87•3 96•6 | 87.9 | 88 • 1 91 • 4 | 91. | 92.0 | 92.0 | 88. | 92. | 92. | 88•8 |
| ≥ 2500 ≥ 2000 | 45.9 | 76.2 | 83.6 | | 90 • 2 | 91.2 | 92.2 | 93.0 | 93.1 | 93.4 | 93.5 | 93.5 | 95. | 93. | 93.8 | 94.0 |
| ≥ 1800 ≥ 1500 | 46.3 | 77.3 | 83.7 | 88.1 | 91. | 92.6 | 93.8 | 94.6 | 94.7 | 95.0 | 95.6 | 95.7 | 95. | 95.3 | 95. | 95•4 -96• 4 |
| ≥ 1200 ≥ 1000 | 46.6 | 78.4 | | 90.0 | 1 1 7 7 7 | 95. | 96.5 | 96.8 | 97.4 | 97. | 97.4 | 97.4 | 97. | 97.6 | 98. | 97•9 - 98• 4 |
| ≥ 900 ≥ 800 | 46.7 | 78.7 | 85. | 90.4 | 94.0 | 96.0 | 96.6 | 98-1 | 97.8 | 98.4 | 98.1 | 98.3 | 98. | 98.4 | 98.6 | 98•0 |
| ≥ 700 ≥ 600 | 46.8 | 1 | 1 | • | 94.9 | 96. | 97.4 | 98.2 | 98.4 | 98.6 | 98.6 | 99-0 | 99. | 99.0 | 99. | 99•3 |
| ≥ 500 ≥ 400 | 46.8 | 78 . 8 78 . 8 | | | 95 • (95 • (| 96. | 97.6 | 98. | 98.7 | 98.9 | 99.1 | 99. | 99. | 99. | 99.4 | 99•6 |
| ≥ 300 ≥ 200 | 46.8 | 78 . 1 | , | | 95 • (95 • (| 96. | 97.6 | | 98.7 | 99. | 49. | 99.7 | 99. | 99. | 99. | 99.5 |
| > 100 <u>=</u> 0 | 46.8 | 78.8 78.8 | | 90. | 95. | 96. | 97.6 | 98. | 98• 98• | 99. | 99.3 | 99. | 99. | 99. | 99 | 799.9 |

TOTAL NUMBER OF OBSERVATIONS

7199

USAF ETAC 101 64 0+14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13812 RICKENBACKER AFB UH

67-70.73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0000=0200

| CEILING | | | | | | | VIS | IBILITY (STA | ATUTE MILI | (S) | | | | | | 7 |
|----------------------------|----------------------|----------------------|----------------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------|----------------------|----------------------|----------------------------|----------------------|------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2⅓ | ≥ 2 | ≥1% | ≥1¼ | ≥۱ | ≥ ¼ | ≥,• | د' ≤ | ≥ 5/16 | ≥ . | ≥0 |
| NO CEILING ≥ 20000 | 35.8 38.2 | 58.0 62.0 | | 70.9 | 67.4 | 68.6 | 69.7 75.8 | 69.7 75.8 | 69.7 75.8 | 69.7 75.8 | 69.4 76.0 | 69.8 76.0 | 69.9 76.1 | 69.5 76.1 | 70.0 | 70.0 |
| ≥ 18000 ≥ 16000 | 38.3 38.4 | 62.6 62.9 | 68.2 | 71.4 | 73.6 | 75.4 | 76.3 | 76.3 76.7 | 76.3 | 76.3 76.7 | 76.6 76.9 | 76.6 | 76.7 | 76.7 | 76.9 | 77.0 |
| ≥ 14000 ≥ 12000 | 39.4 | 65.7 | 70.0 71.1 | 73.5 | 75.9 | 77.4 | 78.5 | 78.5 79.7 | 78.5 79.7 | 78.5 79.7 | 78.7 79.9 | 78.7 79.9 | 78.8 | 78 • 8 80 • 0 | 79.0 | 79.1 |
| ≥ 10000 | 40.9 41.4 42.9 | 67.7 | 73.7 73.7 | 77.0 77.5 | 79.5 80.0 | 81.d 81.5 | 82.3 82.8 | 82.3 82.8 | 82.3 82.8 | 82.8 82.8 | 82.5 83.0 | 82.5 83.0 | 82.0 83.1 | 82.6 | 83.3 | 82.9 |
| ≥ 8000 ≥ 7000 ≥ 6000 | 43.2 | 70.6 | 75.9 76.7 77.0 | 80.1 81.0 | 83.4 83.8 | 84.3 85.2 85.5 | 85.7 | 85.7 86.6 86.9 | 85.7 86.6 86.9 | 85.7 86.6 86.9 | 85.9 86.8 | 85.9 | 86.0 86.9 87.2 | 86 • 6 86 • 9 87 • 2 | 86.2 | 17.7 |
| ≥ 4500 | 44.7 | 72.0 | 78.2 79.0 | | 85.3 87.0 | 87.n 88.7 | 86.9 | 88.5 90.2 | 88.5 | 88.5 | 88.7 90.4 | 87.1 88.7 90.4 | 88.8 90.5 | 88 - 8 90 • 5 | 87.4 89.0 90.8 | 87.3 |
| ≥ 4000 ≥ 3500 | 45.3 | 75.7 | 81.5 | 86.1 | 89.2 90.3 | 91.0 | 92.5 | 92.5 | 92.5 | 92.5 | 92.7 | 92.7 | 92.8 | 92.9 | 93.0 | 93.1 |
| ≥ 3000 | 45.7 | 76.8 | 83.4 | 88.2 | 91.4 | 93.8 | 94.9 | 94.9 | 94.9 | 94.9 | 95.2 95.6 | 95.2 | 95.3 95.7 | 95.7 | 95.5 | 95.0 |
| ≥ 2000 | 45.8 45.8 | 77.2 | 84.1 | 89.2 89.4 | 92.5 | 94.5 | 96.0 | 96.0 96.1 | 96.1 | 96.0 | 96.3 | 96.3 | 96.5 | 96.5 | 96.7 | 96.4 |
| ≥ 1500 ≥ 1200 ≥ 1000 | 45.8 | 77.5 | 84.6 | 89.9 | 93.3 | 95.4 | 97.4 | 97.2 | 97.2 | 97.4 | 97.4 | 97.4 | 97.7 | 97.5 | 98.0 | 98.1 |
| ≥ 1000 ≥ 900 ≥ 800 | 45.8 | 77.7 | 84.8 | 90.1 | 93.7 | 95.7 95.7 | 97.8 | 97.8 97.8 | 97.8 | 97.8 97.8 | 98.1 98.1 | 98 • 1 | 98.2 9û.2 | 98.2 | 98.4 | 98.5 |
| ≥ /00 ≥ 600 | 45.8 45.9 45.9 | 77.7 78.0 78.0 | 84.8 85.2 85.2 | 90.4 | 93.8 94.1 94.2 | 95.9 96.2 96.3 | 98.4 98.4 98.5 | 98.4 98.5 | 98.1 98.4 98.5 | 98.4 98.5 | 98.7 | 98.6 98.7 | 98.4 98.7 98.8 | 98.4 98.7 | 98.6 98.9 | 98.7 |
| ≥ 500 ≥ 400 | 46.0 | 78,2 | 85.4 | 90.6 | 94,5 | 96.7 | 98.9 | 98.9 99.0 | 98.9 | 98.9 | 99.1 | 99.1 | 99.2 | 99.2 | 99.5 | 99.1 |
| ≥ 300 ≥ 200 | 46.0 | 78.3 78.3 | 85.5 | 90.8 | 94.6 | 96.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.4 | 99.4 | | 99.7 |
| ≥ 100 ≥ 0 | 46.0 46.0 | 78.3 78.3 | | /0.8 90.8 | 94.0 | 96.8 | 99.0 | 99.0 | 99.0 99.0 | 99.0 99.0 | | 99•2 99•2 | 99.4 | 99•4 99•4 | 99.6 | |

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC NI 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

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CEILING VERSUS VISIBILITY

13812 RICKENBACKER AFRIUH

.7-70.73-78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u>-0,300,5050</u>0

| CEILING | | | | | | | VIS | BILITY (STA | ATUTE MILI | ES) | | | | | | |
|-----------------------|---------------|--------------|------------------|------------------|--------|-------------|----------------|--------------|------------|--------------|--|--------------|-------------------|--------------------|---------------------|------------------------|
| HH | ≥10 | ≥6 | ≥5 | ≥ 4 | ≥3 | ≥2% | ≥ 2 | ≥1% | ≥1¼ | 논1 | ≥ '₄ | ≥,• | ≥ '7 | ≥ 5/16 | ≥'4 | ≥0 |
| NO CEILING ≥ 20000 | 25. | 46.6 | 50 • 3 | 53.8 58.9 | 58.6 | 59.4 65. | 61. | 62 · | 62. | 63.70. | 63. | 63. | 64. | 71. | 64. | 64. |
| ≥ 18000 ≥ 16000 | 26. | 50.4 51.2 | 54. | 59. | 64. | 65. | 68 • 60 | 70 | 70. | 70. | 70 • • 71 • • | 70.0 | 71. | 71. | 72. | 72• |
| ≥ 14000 ≥ 12000 | 26.9 | 51.6 52. | 56 · | 60. | 66.6 | 67.6 | 70. | 71. | 71. | 72. | 72. | 72. | 73. | 74 | 74. | 74. |
| ≥ 10000 ≥ 9000 | 28.2 | 54.4 | 59. | 64.0 | 70 · . | 71.0 | 74. | 75. 76. | 77. | 76. | 76 • • • • • • • • • • • • • • • • • • • | 76. | 77. | 78. | 78. | 78 • - 79 • |
| ≥ 8000 ≥ 7000 | 29.5 | 57.1 57. | 62. | 67. 68. | 73. | 75.4 | 78. | 79. | 80.0 | 81. | 80 • 6 | 80. | 81. | 82.1 | 82. | 82 • |
| ≥ 6000 ≥ 5000 | 29.6 _30.8 | 57.0 59.1 | 63. | 68 · ! 70 · ! | 74.4 | 76.0 | 80.0 | 81.0 84.3 | 81.3 | 81. 85. | 82.0 | 82.0 | 82. | 86. | 87. | 83• -87• |
| ≥ 4500 ≥ 4000 | 30.9 31. | 60.0 | 65. | 72. | 79.0 | 80. | 84. | 85.6 | 86. | 86. | 84.9 | 86 • 87 • | 87. | 87.1 | 88. | 88 • |
| ≥ 3500 ≥ 3000 | 31.7 31.4 | 60 • 8 | 67. | 72. | 80.4 | 82. | 86 • . 87 • | 87.6 | 88. | 89. | 30.5 | 88 | 89. | 3-90-4 | 90. | 90• |
| ≥ 2500 ≥ 2000 | 31.6 | 62.5 | 68. | 73. | 81. | 83. | 87. | 88. | 89. | 90. | 90. | 89. | 91. | 4-91- ! | 91. | 91• |
| ≥ 1800 ≥ 1500 | 31. | 62.0 | 68. | 4 | 82.3 | 84. | 88. | 90. | 90 | 90. | 90.5 | 90. | 91. 92. | 4-92-! | 92. | 92. |
| ≥ 1200 ≥ 1000 | 31.1 | 63. | 69. | 76. | 84.0 | 116. | 91. | 91. | 92. | 97. | 92.6 | 92. | 93. | 93.1 | 95. | 94• |
| ≥ 900 ≥ 800 | 31.9 | 63.2 | 69. | 76. | 84. | 86. | 91. | 92. | 93. | 93. | 93.9 | 93. | 94. | 94.1 | 95. | 95 • 0 |
| ≥ 700 ≥ 600 | 31.9 | 63. | 69. | 76. | 84. | 87. | 92. | 93.0 | 93. | 93. | 95. | 94. | 94. | 9 95. | 95. | 95. |
| ≥ 500 ≥ 400 | 32. | 63. | 70. | 76. | 9 86.0 | 88. | 930 | 7 95. | 95. | 95. 8 96. | 96. | 96. | 97. 97. 97. | 97. | 97. 98. 8 98. | 98•1 |
| ≥ 300 ≥ 200 | 32. | 63. | 70. | 76. | 9 86.0 | 88 | 93. | 95. | 95. | 96. | 97.0 | 97. | 98. | 2 98. | 3 99, | 7 |
| ≥ 100 ≥ 0 | 32. | ٦ . | 7 70 • 7 70 • | 76. | 9 86. | 88. | 5 93. | 8 95. | 95. | 9 96. | 1 97. | 97. | 98. | 98 | | 2100 |

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC NI 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

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CEILING VERSUS VISIBILITY

13812 RICKENBACKER AFB UH

67-70,73-78

--XXII

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

AS MARK TO SERVE

<u>−0600</u>5-0800

| | , | | | | | | | | | , | | | | | | |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|
| CEILING FEET | | | v | | | | VIS | BILITY (ST | ATUTE MIL | (ES) | | | | | | |
| | ≥10 | ≥ه | ≥5 | ≥4 | ≥3 | ≥2% | ≥ 2 | 21% | ≥1% | ≥1 | ≥ 74 | ≥ >. | ≥ "> | ≥ 5 16 | ≥ ₁. | ≥0 |
| NO CEILING ≥ 20000 | 14.6 15.5 | 32.3 | 37.2 | 41.5 | 47,4 51.6 | 50.3 54.8 | 54.6 59.1 | 56.6 | 57.2 | 58.5 | | | 59.4 | 59.9 | 60.2 | 60 |
| ≥ 18000 | 15.6 | 34.9 | 40.8 | 45.4 | 52.0 | 55.3 | 59.7 | 61.9 | 62.6 | 63.9 | 64.7 | 65.1 | 65.5 | 65.5 | 65.4 | -66 |
| ≥ 14000 ≥ 12000 | 15.6 | 35.5 | 41.5 | 45.6 | 52.3 53.0 | | 61.2 | 62.3 | 64.2 | 65.5 | 65.1 | 65.4 | 65.6 | 67. | 66.1 | 67. 68 |
| ≥ 10000 ≥ 9000 | 16.2 | 35.9 37.8 | 44.6 | 46.9 50.0 | 58.0 | 57.6 62.0 | 67.3 | 70.2 | 65.7 70.9 | 67.0 72.5 | 67.0 73.5 | 68.7 73.9 | 68 6 74 4 | 68.6 | 68.9 | 70 |
| ≥ 8000 | 16.3 | 38.3 | 45.1 | 50.4 | 58.4 | 62.6 | 67.8 | 70.8 | | 73.0 75.3 | 74.1 | 74.4 | 74.4 | 74.4 | 75.3 | 75. 76. |
| ≥ 7000 ≥ 6000 | 16.6 | 39.9 | 47.4 | 52.8 | 61.1 | 65.4 | 70.8 | 74 d | 74.6 | 76.2 | 76.3 77.3 | 76.7 | 77.2 78.2 | 77.3 78.3 | 77.6 | 78 _79 |
| ≥ 5000 ≥ 4500 | 17.1 17.1 | 40.8 | 48.2 | 54.2 | 63.3 | 67.7 | 73.3 | 74•6 -76•9 | 75.3 77.7 | 76.9 | 78.7 | 78.3 80.8 | 78.8 81.3 | 78.9 81.4 | 79.2 | 80 |
| ≥ 4000 ≥ 3500 | 17.1 | 41.7 | 48.3 | 54.4 55.8 | 63.8 | 68.2 | 73.8 | 77.4 79.1 | 78.3 80.0 | 80.1 | 81.2 | 81.5 | 82.0 | 82.2 | 82.3 84.2 | 83. |
| ≥ 3000 | 17.2 17.6 | 42.0 42.8 | 49.4 51.0 | 56.3 57.5 | 67.1 | 70.5 71.7 | 76.1 | 80.1 | 81.1 | 82.9 | 84.0 | 84.3 | 84.8 86.8 | 84.9 | 85.3 | 85. 86. |
| ≥ 2500 ≥ 2000 | 17.7 17.8 | 43.1 | 51.5 21.7 | 58.2 58.5 | 67.8 | 72.6 73.0 | 78.6 | 82.6 | 83.8 | 85.7 | 86.8 | 87.1 | 87.4 | 87.7 | 88.1 | -88. 89. |
| ≥ 1800 ≥ 1500 | 17.8 17.8 | 43.3 | 51.7 | 58.5 | 68.2 | 73.0 | 79.1 | 83.2 | 84.4 | 86.3 | 87.4 | 87.7 87.7 | E.88 | 88.4 | 88.7 | 89. 89. |
| ≥ 1200 ≥ 1500 | 17.8 17.8 | 43.8 | 52.4 52.7 | 59.5 | 69.6 | 74.7 | 81.1 | 85.3 | 85.4 | 88.4 | 88.4 | 89.8 | 90.3 | 90.4 | 90.8 | -90+ 91• |
| ≥ 900 ≥ 800 | 17.8 | 44.0 | 52.7 | 60.0 | 70.6 | 75.5 75.8 | 82.3 | 86.6 | 87.4 | 89.7 | 90.4 | 90.0 | 91.4 | 91.4 | 91.7 | 92. 93. |
| <u>2</u> /00 ≥ 600 | 17.8 | 44.0 | 52.8 | 60.1 | 70.8 70.8 | 76.0 | 82.9 | 85.9 | 88.8 | 90.8 | 91.8 | 91.5 | 92.0 92.7 | 92.2 | 92.5 | 93. |
| ≥ 500 ≥ 400 | 17.8 | 44.1 | 52.9 | 60.2 | 70.9 | 76.7 | 83.3 | 88.5 | 89.5 90.2 | | 92.6 | 92.9 | 23.5 | 93.7 | 94.0 | 94. 95. |
| ≥ 300 | 17.8 | 44.1 | 52.9 | 60.2 | 71.0 | 76.8 | 83.7 | 88.9 | 90.6 | 92.8 | 94.1 | 93.8 | 94.4 | 94.5 | 94.9 | 96 • 97 • |
| ≥ 200 ≥ 100 | 17.8 | 44.1 | 52.9 | 60.2 | 71.1 | 77.0 | 84.0 | 89.4 | 91.3 | 93.7 | 94.9 | 95.4 | 96 · 1 96 · 9 | 96.3 | 96.8 | 98 • |
| ≥ 0 | 7 4 7 7 | 44.1 | | | 71.1 | | | 89.4 89.4 | 91.3 | 93.7 | 95.7 | 96.1 | 96.9 | 97.1 | 97.5 | 99. |

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0800-1-100

| CEILING | | | | | | | VIS | BILITY (STA | ATUTE MIL | ES) | | | | | | |
|-----------------------|------|--------------|--------|--------------|------------------|---------------|----------------|--------------|--------------|-------|--------------|-------|------------|--------------|-------|--------|
| FEET: | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2⅓ | ≥ 2 | 21% | ≥1¼ | ≥1 | ≥ ⅓ | ≥1. | N | ≥ 5,16 | ∑.⁴ | ≥0 |
| NO CEILING ≥ 20000 | 22.9 | 45. | 49.9 | 53.4 59.5 | 58.0 | 60.3 | 61.6 | 61.9 | 62.0 | 67.3 | 62. 68. | 62. | 62. | 62•3 | 62. | 62. |
| ≥ 18000 ≥ 16000 | 24. | 49.8 | 55 · . | 59.6 | 65. | 66.9 | 68 | 68. | 68.6 | 69.(| 69.0 | 69.0 | 69.0 | 67.0 | 69.0 | |
| ≥ 14000 ≥ 12000 | 24. | 50/3 51/3 | 56.3 | 61. | 67. | 69.0 | 70 • . 72 • | 70.9 72.5 | 71.0 | 71.7 | 71 • 72 | 71. | 71. 72. | 71.2 | 71. | 71. |
| ≥ 10000 ≥ 9000 | 26. | 54.5 | 61.4 | 66.8 | 73. | 75.1 75.1 | 76.5 | 77.0 | 77. | 77. | 77. | 77. | 77. | 77. | 77. | 77. |
| ≥ 8000 ≥ 7000 | 27.1 | 55.5 55.8 | 62.5 | 68.6 | | 76.9 77.3 | 78.0 | 78.9 | 79. | 79.7 | 79 . | 79. | 79. | 79. | 79. | 79.7 |
| ≥ 6000 ≥ 5000 | 27.7 | 56.6 57.2 | 64.6 | 70.1 | 76 • 6 | 78.6 | 80 -3 | 80.0 | 80.6 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 4500 ≥ 4000 | 28.1 | 57.7 58.9 | 65. | 72.2 | 80.4 | 81.0 | 83.0 85.1 | 83.4 85.5 | 83. | 83.9 | 83. | 83.5 | 83.9 | 83.9 85.9 | 83.9 | 85.9 |
| ≥ 3500 ≥ 3000 | 29.4 | 60.1 | 68.2 | 75.2 76. | 82.3 83.9 | 84.5 | 86.6 | 87.0 88.9 | 87. | 87.4 | 87.4 89.4 | 87.4 | 87.4 | 87. | 87.4 | 87.4 |
| ≥ 2500 ≥ 2000 | 30.3 | | 70 • 0 | 77.2 78.6 | 84 • 8 | 87.3 | | 89.9 91.5 | 90.0 | 90.3 | 90.3 | 90. | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 1800 ≥ 1500 | 31.0 | 63.2 | 71.4 | | 86.° | 89.2 90.5 | 91.4 | 91.8 | 92•(93•; | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92. | 92.4 |
| ≥ 1200 ≥ 1000 | 31.3 | 64.2 | 73.4 | 81.5 | 90 • 1 90 • 4 | 92.9 -93.7 | 95.5 | 95.6 | 95.6 | 96.5 | | 96. | 96•1 | 96.1 | 96.1 | 96 • 1 |
| ≥ 900 ≥ 800 | 31.3 | 64.7 64.8 | 74.2 | 82.5 82.7 | 91.2 91.5 | 94.1 94.7 | 96.5 | 96.9 | 97. | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97•4 |
| ≥ 700 ≥ 600 | 31.3 | 64.9 65.1 | 74.4 | 83.0 | 92.2 | 95.4 95.7 | 97.7 | 98•2 98•7 | 98.4 | 98.7 | 98.7 | 98.7 | 98. | 98.7 | 98. | 98•7 |
| ≥ 500 ≥ 400 | 31.3 | 65.1 | 74.5 | 83.3 | 92•3 92•3 | 95.8 95.8 | 98.3 | 99.0 | 99. | 99.7 | | 97. | 1 | 99.9 | | |
| ≥ 300 ≥ 200 | 31.3 | 65.1 65.1 | 74.5 | 83.3 | 92.3 | 95.8 95.8 | 98.4 98.4 | 99.1 99.1 | 99.6 | 100.0 | 100.0 | 100.0 | 100-6 | | 100-6 | 100-0 |
| ≥ 100 ≥ 0 | 31.3 | 65.1 65.1 | 74.5 | 83.3 | 92.3 | 95.8 95.8 | 98.4 98.4 | 99.1 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC 200 0-14-5 (OL A) MEYOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13812 RICKENBACKER AFB OH

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67-70.73-78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING | | | | ······································ | | | VIŞ | BILITY (ST) | ATUTE MIL | ES) | , | | | | | |
|-----------------------|--------------|--------------|--------------|--|--------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------------|----------------|--------------|----------------|--------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥ 4 | ≥3 | ≥21/3 | ≥ 2 | ≥1½ | 21% | ≥1 | ≥ 1, | ≥'• | د' ≤ | ≥ 5 16 | ≥'. | ≥0 |
| NO CEILING ≥ 20000 | 27.4 | 45.6 50.8 | 49.5 55.5 | 52.4 58.9 | 53.5 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 |
| ≥ 18000 ≥ 16000 | 30.4 31.0 | 51.1 51.9 | 56.1 57.2 | 59.7 60.8 | 61.2 | 61.6 | 61.6 | 62.7 | 61.6 | 61.6 | 61.6 | 62.7 | 61.6 | 61.6 | 61.0 | 61.0 |
| ≥ 14000 ≥ 12000 | 31.6 | 53.2 54.0 | 58.7 59.6 | 62.3 | 64.5 | 64.2 | 64.2 | 64.2 | 64.2 | 65.4 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.7 |
| ≥ 10000 ≥ 9000 | 33.0 33.0 | 56.9 57.0 | 63.3 | 67.5 | 69.0 | 69.5 69.6 | 69.8 | 69.7 | 69.7 | 69.7 69.8 | 69.7 | 69.5 | 69.7 69.8 | 69.7 | 69.7 | 69.0 |
| ≥ 80°00 ≥ 7000 | 34.1 34.8 | 58.9 59.9 | 66.5 | 70.0 71.0 | 71.0 | 72.0 73.0 | 72.3 | /2.3 73.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 6000 ≥ 5000 | 35.2 35.4 | 61.6 | | 71.8 | 73.4 74.9 | 73.9 75.5 | 74.1 | 74.1 75.7 | 74.1 75.7 | 74.1 75.7 | 74.1 75.7 | 74 • 1 75 • 7 | 74.1 | 74.1 75.7 | 74.1 | 74.1 |
| ≥ 4500 ≥ 4000 | 35.7 37.8 | 67.8 | 69.6 75.2 | 74.5 80.8 | 76.2 82.6 | 76.8 83.3 | 77.0 83.8 | 77.q 83.8 | 77.0 83.5 | 83.8 | 77.0 83.8 | 77.0 | 77.0 83.8 | 83.8 | 77.0 83.8 | 77.0 83.8 |
| ≥ 3500 ≥ 3000 | 39.0 40.4 | 70.6 73.2 | 78.5 82.6 | 84.2 88.5 | 90.9 | 87.2 92.2 | 87.6 92.7 | 67.6 92.7 | 87.6 92.7 | 92.7 | 87.6 92.7 | 87.6 92.7 | 87.6 92.7 | 87.6 92.7 | 87.6 92.7 | 97.6 |
| ≥ 2500 ≥ 2000 | 41.2 | 74.5 | 84.0 85.9 | 90.0 | 92.4 94.5 | 96.0 | 94.5 | 94.5 | 94.5 | | 94.5 97.0 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 1800 ≥ 1500 | 42.Z | 76.5 76.6 | 86.1 | 92.4 | 94.7 | 96.2 96.9 | 97.8 | 97.8 | 97•2 97•8 | | 97.2 97.8 | 97.2 97.8 | 97.2 97.8 | 97.2 97.8 | 97.2 97.8 | 97.4 |
| ≥ 1200 ≥ 1000 | 42.3 | 77.0 | 87.0 87.3 | 93.3 | 90•3 96•7 | 98.2 98.5 | 99.2 | 99.2 | 99.2 99.6 | 99.6 | 99.6 | 99.6 | 99.2 | 99.6 | 99.2 | 99•2 99•6 |
| ≥ 900 ≥ 800 | 42.4 | 77.2 | 87.4 | 93.7 93.8 | 96.9 | 98.7 98.8 | 99.9 | | | 100.0 | 99.8 100.0 | 99.8 100.0 | 99.8 100.0 | 100 d | 99.8 100.0 | |
| ≥ 700 ≥ 600 | 42.4 | 77.2 | 87.4 87.4 | 93.8 | | 98.8 | 99.9 | 99.9 | 99.9 | | 100.0 | 100 • 0 100 • 0 | 100.0 | 100.0 | 100 • q | lon-d |
| ≥ 500 | 42.4 | 77.2 | 87.4 87.4 | 93.8 | 97.0 | | 99.9 | | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 100.0 | - | 100.0 | 100.0 |
| ≥ 300 | 42.4 | 77.2 | 87.4 87.4 | 93.8 | 97.0 | 98.8 | 99.9 | | 99.9 | 100.0 | 100.0 100.0 | 100.0 | 100.0 | 100.d | 100.d | 100.0 |
| ≥ 00 ≥ 0 | 42.4 | | | 93.8 | | 98.8 98.8 | 99 .9 | | 99.9 | 100.0 | 100.0 | | | | 100.d 100.d | |

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC 10M 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

PERCENTAGE FREQUENCY OF OCCURRENCE

-1509-1700

| CEILING | | | | | | | VIS | BILITY (ST | ATUTE MILI | ESI | | | | | | |
|----------------------------|--------------|--------------|----------------|--------------|--------------|----------------------|--------------|------------|--------------|--------|--------------|---------------|--------|-------------------|-------|-------|
| FEE1 | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥פי | ≥2 | ≥1% | ≥1¼ | 21 | ≥ ₹4 | ≥,• | ≥′'n | ≥5/16 | ≥ . | ≥0 |
| NO CEILING ≥ 20000 | 29.7 | 46.3 53.0 | 49.5 | 51.4 59.9 | 52.1 61. | 52. | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53. | 53. | 53.0 |
| ≥ 18000 ≥ 16000 | 34.0 | 53.3 53.4 | 57.0 | 60.4 | 61.0 | 61.6 | 62. | 62. | 62. | 62. | 62. | 62. | 62. | 62 | 62. | 62.2 |
| ≥ 14000 ≥ 12000 | 34.5 35.7 | 54 · ! | 59.1 -60.6 | 61.6 | 63. | 63.3 65. | 63.9 | 63.0 | 63.9 | 63.9 | 63. | 63. | 63. | 66. | 63. | 66.0 |
| ≥ 10000 ≥ 9000 | 37.5 37.8 | 59.! 60.1 | 64.5 | 68.4 | 70.0 | 70.0 | 70. | 70 • . | 70•! -71• | 70 • 1 | 70•: | 70•: | 70 • : | 70 • : | 70. | 70•5 |
| ≥ 8000 ≥ 7000 | 39.6 40.1 | 63.1 | 68.4 | 72.5 | 74. | 74. | 74.6 | 74.6 | 74.6 | 74.6 | 74.0 | 75. | 74.0 | _75· | 74.6 | 74•6 |
| ≥ 6000 ≥ 5000 | 40.5 | 65.4 | 69.6 -71.63 | 75. | 75.5 | 75.5 | 76.0 | 76.0 | 76.0 | 77. | 76.0 | 77.5 | 76.0 | -77• 8 | 77. | 76•0 |
| ≥ 4500 ≥ 4000 | 41.4 | 71.5 | 79.5 | 77.8 84.6 | 79.8 | 79.9 87.2 | 80.4 88.0 | 88-0 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 3500 | 44.7 | 74.7 | | 88.5 91.2 | 91.1 | 91. | 92.3 95.5 | 92. | 92.3 95. | 92.4 | 92.4 | 92.4 -95.4 | 92. | 92. -95. | 92.4 | 92.4 |
| ≥ 2500 ≥ 2000 | 46.7 | 77.8 | 87. | 92. | 95. | 95.8 97.2 | 96.8 | 96.8 | 96.6 | 96.9 | 96.9 98.4 | 96.9 | 96.9 | 96.9 | 96.4 | 96.9 |
| ≥ 1800 ≥ 1500 ≥ 1200 | 47.0 | 78.8 | 87.4 | 94.1 | 96.8 | 97.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 99. | 98.6 | -99-1 | 98.0 | -99+1 |
| ≥ 1000 | 47.0 47.0 | 78.8 | | 94.3 | 97.4 | 98.3 | 99.2 | 99.6 | 99.6 | 99.5 | 99.5 | 99.5 | 99.1 | 99. | 99. | 99. |
| ≥ 900 ≥ 800 ≥ 700 | 47.0 | 78.8 | 87.7 | 94.3 94.3 | 97.7 97.7 | 98,6 98.6 98.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.1 | 99.8 | 99.1 | 99.8 | _99.4 | 49.1 |
| ≥ 600 ≥ 500 | 47.0 | 78.8 | 87.7 | 94.3 94.3 | 97.7 97.7 | 98.6 | 99.6 | 99.6 | 99.6 | 99.8 | | 99.9 | | 1111 | 99.9 | 99.4 |
| ≥ 400 ≥ 300 | 47.0 | 78.8 | 87.7 | 94.3 | 97.7 97.7 | 98.6 98.6 | 99.6 99.6 | 99.7 | 99.7 | 100.0 | | 100-0 | 100-0 | 100-0 | 100.0 | 100-0 |
| 2 700 | 47.0 | 78.5 | 87.7 | 94.3 | 97.7 97.1 | 98.6 | 94.6 | 99.7 | 99.7 | 100.0 | 100-0 | 100-0 | 100-0 | 100-0 | 100.0 | 100-0 |
| 2 0 | 47.0 | 78.8 | | 94.3 | 97.7 | 98.6 | 99.6 | 99.7 | | | | | | | 100.0 | 100-0 |

TOTAL NUMBER OF OBSERVATIONS

931

USAF ETAC NI 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_1800=2000

| CEILING | | | | | ···· | | VIS | BILITY (ST | ATUTE MIL | ESı | | | | | | |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------------|----------------------|----------------------|----------------------|--------------|------------------|--------------|--------------|-------------------------|
| HEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥21⁄2 | ≥2 | ≥1% | ≥1% | ≥1 | ≥ λ, | ≥'• | ≥% | ≥5 16 | ≥ . | ≥0 |
| NO CEILING ≥ 20000 | 33.0 36.9 | 50.9 57.3 | 54.5 61.5 | 56.5 | 58.5 65.9 | | 59.2 66.9 | 59.5 67.1 | 59.5 | 59.5 67.1 | 59.5 | 59.5 67.1 | 59.5 67.1 | 59.5 67.5 | 59.5 67.1 | 59.5 67.1 |
| ≥ 18000 ≥ 16000 | 37.3 37.4 | 58.4 58.7 | 62.6 | 64.9 | 67.4 | 67.7 | 68.0 68.4 | 68.2 68.6 | 68.2 | 68.2 68.6 | 68.2 68.6 | 60.2 | 68 • 2 68 • 6 | 68.2 68.6 | 68.2 | 68.2 |
| ≥ 14000 ≥ 12000 | 37.5 38.3 | 59.6 | 65.6 | | 68.4 70.5 | | 69.4 71.6 | 69.6 71.8 | 69.6 71.8 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 71.5 |
| ≥ 10000 ≥ 9000 | 40.0 | 65.6 | 70.3 | 72.5 | 75.7 | | 76.8 | 77.0 78.0 | 77.0 78.0 | 77.0 78.0 | 77.0 _78.0 | 77.0 | 77.0 78.0 | 77.0 78.0 | 78.0 | 77•0 |
| ≥ 8000 ≥ 7000 | 42.0 | 70.1 | 75.5 | | 80.2 | 80.6 82.5 | | 81.7 83.5 | 81.7 83.5 | 81.7 | 81.7 | 81.7 83.5 | 81.7 | 81.7 83.5 | 81.7 | 81.7 83.5 |
| ≥ 6000 ≥ 5000 ≥ 4500 | 43.5 44.0 | 71.9 72.7 | | 79.6 81.0 | 84.4 86.1 | | | 84.5 85.9 | | 84.5 | | 85.9 | | | 85.9 | |
| ≥ 4500 ≥ 4000 ≥ 3500 | 44.9 | 75.3 76.6 | 81.9 | | 91.0 | | | 87.6 91.3 93.9 | 87.6 91.4 94.0 | 87.6 91.6 94.2 | 87.6 91.6 94.2 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 3000 | 45.7 | 77.8 78.5 | | 89.4 90.1 | 94.1 | 94.7 | 96.0 | 96.5 | 96 • 6 97 • 7 | 96.8 | 96.8 | 96.8 | | 96.8 | 96.8 | 96.4 |
| ≥ 2000 | 46.0 | 78.6 | | 90.3 | 95.2 | 96.1 | 97.5 | 98.0 | 98.2 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1500 ≥ 1200 | 46.0 | | | 90.6 | 95.6 | 96.8 | 98.4 | 98.8 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 |
| ≥ 1000 | 46.0 | | 86.3 | | 96.1 | 97.3 | 99.0 | 99.5 | | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 1 / / - 1 |
| ≥ 800 | 46.0 | 75.8 | 86.3 | 91.0 | 96.2 | 97.4 | 99.1 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 ≥ 500 ≤ 400 | 46.0 46.0 | | 86.3 | 91.0 | | 97.4 | 99.1 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 ≥ 200 | 46.0 | 78.8 | 86.3 | 91.0 | 96.2 | 97.4 | 99.1 | 99.6 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 100.0 100.0 |
| ≥ 100 ≥ 0 | 46.0 46.0 | 78,8 | | 91.0 | 96.2 | 97.4 | 99.1 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC NIL64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

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CEILING VERSUS VISIBILITY

13812 RICKENBACKER AFR DH ...7-70-73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-2100-2300

| CEILING | | | ······································ | | | | VIS | BILITY (STA | TUTE MILE | (5) | | | _ | | | |
|-----------------------------|----------------------|--------------|--|----------------------|----------------------------|----------------------|----------------------|--------------------|----------------------|----------------------|------------------|----------------------|--------------|---------------------|----------------------|--|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2'? | ≥2 | ≥1% | ≥15 | ≥١ | ≥ 1. | ≥', | ≥ 'כ | ≥5 16 | ≥ '₄ | ≥0 |
| NO CEILING ≥ 20000 | 38.5 40.8 | 56 • 5 | 61. | 62.0 68.1 | 64 • 5 70 • 3 | 65.2 | 65. | 65.8 | 65.1 | 65.8 | 65.8 | 65.1 71.5 | 65. | 65. | 65. | 65•8 71•9 |
| ≥ 18000 ≥ 16000 | 40.4 40.9 | 61.0 | 65.8 | 68. | 70 • 5 | 71.4 | 72. | 72•3 | 72. | 72.3 | 72.9 | 72. | 72.9 | 72. | 72. | 72.9 |
| ≥ 14000 ≥ 12000 | 41.9 | 62,3 | 67.4 | 69.4 | 72. | 73.0 | 74.1 | 74 • 3 - 76 • 3 | 74.3 | 74.3 | 74. | 74 • : | 74. | 74. | 74.1 _76. | 74. |
| ≥ 10000 ≥ 9000 ≥ 8000 | 44.1 44.1 | 67.0 67.0 | 72.4 73.2 74.9 | 75.1 76.6 78.4 | 78 • 1 78 • 1 80 • 1 | 78.9 79.8 81.6 | 8() • 2 81 • 1 | 80.4 81.3 | 80.4 81.3 83.1 | 80.4 81.3 83.1 | 80 • 4 81 • 1 | 80.4 81.1 83.1 | 80 • 81 • 3 | 80.4 81.5 83. | 80.4 81.7 83.1 | 80 • • • • • • • • • • • • • • • • • • • |
| ≥ 7000 | 46.7 | 70.4 | 76. | 79.7 | 82.4 | 82.9 | 82.9 84.2 84.2 | 84.4 84.4 | 84. | 84.4 | 84 - 7 | 84.4 | 84 | 84. | 84 84 | 84-4 |
| ≥ 5000 ≥ 4500 | 47. | 72.0 | 78.5 79.8 | 82.2 | 84.5 8¢.(| 85.4 | 85.7 88.7 | 86.9 88.4 | 86.4 | 86.9 | 88.4 | 86.4 | 88 | 86.9 | 88.4 | 88.4 |
| ≥ 4000 ≥ 3500 | 48.9 | 75.9 76.8 | | 87.0 88.4 | 91.1 | 92.0 | 910 | 93.5 | 93.5 | 91.9 | 93.5 | 93.5 | 93.5 | 91.9 | 93. | 93.5 |
| ≥ 3000 ≥ 2500 ≥ 2000 | 49.7 50.0 | 77.8 | 85.4 86.6 | | 93.7 | 94.7 | 96.0 | 96.2 | 95.1 96.2 | 95.1 | | 95.1 96.2 | 96. | 95. | 95. | 96•2 |
| ≥ 2000 ≥ 1800 ≥ 1500 | 50.0 | 78.9 | 87.1 | 91.2 | | 95.3 95.3 | 96.8 | 97.0 | 97.0 | 97.0 97.0 | | | 97.(97.(| 97.0 | 97.0 97.0 | |
| ≥ 1200 | 50.1 50.2 50.2 | | 88 • 2 88 • 2 | 92.4 | 95.8 | 96.5 97.6 | 98.6 | 98.3 98.8 | 98 • 8 98 • 8 | | 98.3 98.8 | 98.2 | | | | |
| ≥ 900 ≥ 800 | 50.2 | , | 88.5 | 92.8 | 96.3 | 97.6 | | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | | | | |
| ≥ /00 ≥ 600 | 50.2 50.2 | 79.8 79.8 | 88.7 | 93.1 | 96.7 | 98.0 | 99. | 99.8 | 99.8 | | 1 | 99.9 | 99.9 | | 99.9 | |
| ≥ 500 ≥ 400 | 50.2 50.2 | 79.8 | 88.7 | | 96 • 7 96 • 7 | 98.0 | 29. | 99.9 | 99.9 | 99.5 | | 100-0 | 100-0 | 100-0 | 100-0 | 100+4 |
| ≥ 300 ≥ 200 | 50.2 | 79.8 | 88.7 | | 96.7 | 98.0 98.0 | 99. | 99.9 | 99.9 | 99.5 | 100.0 | 100.0 | 100- | | 100-0 | 100+0 |
| ≥ 100 ≥ 0 | 50.2 | 79.8 | | 93.1 | 96.7 | 98.0 | | 99.9 | | | 100.0 | | | | | |

TOTAL NUMBER OF OBSERVATIONS

03

USAF FTAC 1004 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

13812 RICKENPACKER AFB UH

67-70,73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING FEET NO CHUNG 58.6 60.5 60.7 61. 59. 60.3 60.9 61. 60.4 57.1 60.6 30.8 65.1 66.6 67.d 67.2 67.4 67.0 67.6 67.4 67.8 68.0 68. ≥ 18000 ≥ 16000 30.9 52. 57. 1.89 0.80 67. 67.7 68.4 67.6 68.7 68.4 61. 65. 66. 68.6 67. 68.2 68. 68.4 69.0 ≥ 14000 ≥ 12000 69.5 69.7 69.9 70.1 70.1 71.1 71.2 71.5 71.7 71.7 70.3 66. 67.5 69.0 70.3 70.1 71.9 71.9 60.4 64. 67. 69.0 70.6 ≥ 10000 ≥ 9000 63.5 71. 75.5 75.8 76.0 73.d 75.3 76.2 76.0 76.2 76.4 73.6 76.4 76.C 76.1 76.6 76.6 66. 78.6 78.8 79.0 79.2 ≥ 8000 ≥ 7000 60.1 70, 76.2 78.Q 67. 79.6 80.d 80.Z 80.4 79.7 80.3 80.4 80.4 ≥ 6000 ≥ 5000 79. 72.3 77.8 61. 67.7 76. 80.3 80.4 80.7 80.9 81.0 81.2 81.2 69.0 78. 79.7 81.6 82.3 82.5 82.8 83.d 83.d 83.2 81.1 83.1 83.8 84.0 84.3 84.5 84.5 84.7 84.6 86.6 87.3 87.5 87.9 88.1 88.1 88.3 86.6 88.7 89.5 89.7 90.0 90.2 90.3 90.5 88.7 90.9 91.7 91.9 92.3 92.5 92.5 92.7 ≥ 4500 ≥ 4000 79.6 84.7 83.0 88.3 88.5 80.0 74.5 ≥ 3500 ≥ 3000 84.9 38.3 68.4 76.1 81.7 86.9 92.8 92.5 93.1 89.6 91.9 92.7 92.9 93.3 93.5 93.5 90.6 93.0 93.8 94.0 94.4 94.6 94.7 90.8 93.1 93.9 94.2 94.5 94.7 94.8 91.6 94.0 94.9 95.1 95.5 95.7 95.7 76.9 ≥ 2500 ≥ 2000 82.6 87.8 93.7 93.8 93.4 88.7 69.7 77.6 83.5 77.8 83.6 ≥ 1800 ≥ 1500 88.8 69.8 95.d 95.1 95.9 95.9 78.6 84.0 78.9 85.0 70.4 92.4 94.9 95.8 96.0 96.4 96.6 96.7 96.6 92.9 95.5 96.4 96.6 97.0 97.2 97.2 97.4 ≥ 1200 ≥ 1000 90.3 96.4 96.9 97.4 97. 90.8 95.7 96.5 96.8 97.2 97.4 97.4 97.6 97.6 97.8 98.0 95.9 96.7 97.0 97.4 97.6 97.7 97.8 97.9 98.0 98.2 96.1 97.0 97.2 97.6 97.9 97.9 98.1 98.1 98.3 98.4 96.3 97.2 97.5 98.0 98.2 98.2 98.4 98.5 98.6 98.4 78: 4 85.1 90.9 93.1 95.7 85.1 70.6 91,1 85.2 93.5 93.8 96.6 97.7 98.0 98.2 98.8 98.8 98.8 99.0 99.2 93.8 96.6 97.7 98.0 96.5 98.7 98.8 99.0 99.2 99.4 93.8 96.7 97.7 98.1 98.6 98.9 98.9 99.2 99.4 99.6 93.9 96.7 97.7 98.1 98.6 98.9 98.9 99.2 99.2 99.4 99.6 93.9 96.7 97.7 98.1 98.6 99.0 99.0 99.3 99.3 99.5 99.8 93.9 96.7 97.7 98.1 98.7 99.0 99.1 99.3 99.4 99.5 99.8 93.9 96.7 97.7 98.1 98.7 99.0 99.1 99.3 99.4 99.5 99.9 70.7 91.5 97.7 98.1 98.7 99.0 99.1 99.3 99.4

TOTAL NUMBER OF OBSERVATIONS

/47

USAF ETAC 104 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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CEILING VERSUS VISIBILITY

13812 RICKENRACKER AFB UH

7-70.73-78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_088620500

| CEILING | | | | ······································ | | | VIS | IBILITY (STA | ATUIE MIL | (ES) | | | | | · | |
|-----------------------|--------------|--------------|------------------|--|--------------|------------------|------------------|--------------|---------------|--------------|--------------|------------|------------|-------------|------------|-------------|
| LEEL | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥25 | ≥2 | ≥1% | ≥1′₄ | ≥1 | ≥ 1, | ≥ >• | ≥'5 | ≥ 5 16 | 5.⁴ | ≥0 |
| NO CEILING ≥ 20000 | 31.6 | 54. 58. | 58.6 | 63.7 | 65.° | 65.0 71. | 66.6 | 67. | 67. | 67.3 | 67.4 73. | 67. | 67. | 67. | 67. | 67. |
| ≥ 18000 ≥ 16000 | 33.6 33.7 | 59.3 | 63.4 | 68.6 | 72.0 72.3 | 72.1 | 73. 73.4 | 73.5 73. | 73•: 73•: | 73. 74. | 73 • 8 74 | 73. | 73. | 74.0 | | 74. |
| ≥ 14000 ≥ 12000 | 34.0 | 60.8 | 65.6 | 70 • 1 70 • 8 | 73.5 74.5 | 73.6 | 74.6 | 75.0 75.8 | 75. | 75. 76.0 | 75. 76. | 75. | 75. 76. | 75. 76 | 75. | 75 · |
| ≥ 10000 ≥ 9000 | 34.8 | 63.3 | 67.8 | 73.4 | 77.0 | 77.7 | 78 • 8 78 • 8 | 79.4 | 79.4 | 79 · 1 | 79.8 | 79. | 79. | 79.9 | 80. | 80 |
| ≥ 8000 ≥ 7000 | 35.6 36.3 | 66.6 67.8 | 71.7 | 77.5 78.9 | 81.4 | 82.0 | 83.1 84.5 | 83.7 85.1 | 85. | 84.0 | 84. | 84.1 | 84. | 84.; 85. | 84. | 84.0 |
| ≥ 6000 ≥ 5000 | 36.4 36.7 | 69.1 | 73.8 | 79.9 80.6 | 84. 85. | 84.4 | 85.5 86.3 | 86.1 87.0 | 86. 87. | 86.3 87.3 | 86.4 | 86.4 | 86. | 86 • 5 | 86. | 87.0 |
| ≥ 4500 ≥ 4000 | 36.8 37.2 | 69.6 71.6 | 75.0 | 81.7 84.6 | 85.7 89.6 | 85.8 | 86.9 | 87.5 91.6 | 97.5 | 87.7 91.8 | 8 91 | غ . گهر | 87.1 | 87.9 | 88. 92. | 88.4 |
| ≥ 3500 ≥ 3000 | 37.2 37.6 | | 78 • 1 79 • 4 | 85.4 86.7 | 90•3 91•9 | 90.6 | 91.7 | 92,4 | 92.4 | 92.6 | 92.7 | 92. | 92. | 92.8 | 93. | 93. |
| ≥ 2560 ≥ 2000 | 37.6 37.7 | 73.6 | 79.8 80.3 | 87.8 | 92.5 93.7 | 92.9 | 94.0 | 94.6 | 94.6 | 94.8 | 94.9 | 9,,9 | 94.9 | 95.0 | 95. | 95. |
| ≥ 1800 ≥ 1500 | 37.8 37.8 | 74.0 | 80 • 5 80 • 7 | 88.1 88.3 | 93.4 93.8 | 93.9 | 95.2 95.5 | 95.8 | 95•8 _96•1 | 96.1 96.4 | 96.2 | 96.2 | 90.2 | 96. | 96. | 96 • 5 |
| ≥ 1200 ≥ 1000 | 37.8 38.0 | 74.4 | 81.4 | 88.7 | 94.2 | 94.6 | 90.2 | 96.6 | 96.6 | 96.9 97.5 | 97.0 | 97.6 | | 97.1 | 97.4 | 97• |
| ≥ 900 ≥ 800 | 38.0 38.1 | 74.5 | | 89.0 89.1 | 94.9 94.9 | 94.9 | 96.3 | 97.5 | 97.4 97.8 | 97.8 98.3 | 98.0 98.4 | 98.0 | 98.4 | 98.1 | 98.4 | 98 - 93 - 9 |
| ≥ 700 ≥ 600 | 38.1 38.1 | 74.6 | | 89 • 1 89 • 9 | | 95.7 96.0 | 97.1 97.4 | 98.2 | 98•2 98•5 | 98.7 99.0 | 98.8 | 98.8 | 98.6 | 98.9 | 99. | 99.4 |
| ≥ 500 ≥ 400 | 38.1 38.1 | 74.6 | 81.7 | 89.6 | 95.7 | 96 • 1 96 • 1 | 97.5 | 98.3 | 98•6 98•6 | 99.1 | 99. | 99.7 | 99.2 | 99.4 | 99. | 99.1 |
| ≥ 300 ≥ 200 | 38.1 | 74.6 | 81.7 | 89.6 89.6 | 95.7 | 96 • 1 96 • 1 | 97.5 | 98.3 | 98.6 98.6 | 99.2 | 99.4 | 99.4 | 99. | 99.6 | 99.9 | 100-0 |
| ≥ 100 ≥ 0 | 38.1 38.1 | 74.6 | | 89.6 89.6 | | 96 • 1 96 • 1 | 97.5 | 98.3 | 98•6 98•6 | 99.2 | 99.4 | 99.4 | 99.5 | 99.6 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

92

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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RICKENBACKER AFB UH

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

| | | | | | | VIS | BILITY (ST | ATUTE MIL | ESI | | | | | | |
|------|--|--|--|--|--|--|--------------|--|--------------|--|--|--|---|--------------|-----------------------|
| ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2'7 | ≥2 | ≥1% | ≥1% | ≥1 | ≥ 1, | ≥,• | ≥ '> | ≥5 16 | ≥. | ≥0 |
| 22.7 | 41.4 | 46.0 | 51.4 55.2 | 56.0 60.4 | 58.1 62.6 | 60.4 65.1 | 61.2 65.9 | 61.4 | 62.6 67.3 | | 63.1 | 63.7 | | | 65.3 70. |
| 23.5 | 44.7 | 50.1 | 55.9 | 61.3 | 63.4 | 66.2 | 67.1 | 67.2 | 68.5 | 68.9 | 69.0 | 69.5 | 69.6 | 70. | 71.2 |
| 24.0 | 46.3 | 52.0 | 58.0 | 63.4 | 65.6 | 67.2 66.4 | 69.2 | 68.3 | | | 70•0 71•2 | 70.5 | 71.8 | 72. | |
| 24.6 | 48.7 | 54.8 | 60.9 | 67.0 | 69.7 | 72.0 | 72.9 | 73.1 | 74.3 | 74.9 | 74.9 | 75.5 | 75.6 | 76.2 | 17.2 |
| 25.5 | 51.4 | 58.1 | 64.4 | 71.3 | 73.8 | 76.8 | 77.7 | 78.0 | 79.1 | 79.8 | 79.8 | 80.3 | 80.4 | 81.1 | 82.0 |
| 26.1 | 52.7 | 59.5 | 65.9 | 72.8 | 75.3 | 78.3 | 79.2 | 79.5 | 80.6 | 81.3 | 81.3 | 81.8 | 81.9 | 82.6 | 83.5 |
| 26.7 | 54.4 | 61.9 | 68.R | 76.9 | 79.5 | 82.6 | 83.7 | 83.9 | 85.1 | 85.7 | 85.7 | 86.2 | 36.3 | تم 87 | 88.0 |
| 27.0 | 56.0 | 63.9 | 71.2 | 79.6 | 82.6 | 85.7 | 86.9 | 87.1 | 88.3 | 88.9 | 88.9 | 89.5 | 85.6 | 90.2 | 91.2 |
| 27.1 | 56.7 | 64.6 | 72.d | 80.9 | 83.9 | 87.1 | 88.3 | 88.5 | 89.7 | 90.3 | 90.3 | 90.9 | 91.0 | 91.0 | 92.0 |
| 27.3 | 57.8 | 1 | | 81.6 | 84.6 | 88.3 | 89.5 | 89.7 | 90.9 | 91.5 | 91.5 | 92.0 | 92.2 | 92.8 | 93.8 |
| 27.5 | 58.2 | 66.0 | 74.2 | 83.4 | 86.6 | 90.4 | 91.6 | 91.8 | 93.0 | 93.7 | 93.7 | 94.2 | 94.3 | 94.9 | 95.9 |
| 27.5 | 58.2 58.2 | 66.1 | 74.5 | 84.0 | | 91.0 | 92.3 | 92.5 | 93.7 | | | 94.8 | 94.9 | 95.6 | 96.6 |
| 27.5 | 58.2 58.2 | 66.1 | 74.8 | | 87.2 | 91.3 | 93.0 | 93.3 | 94.7 | 95.4 | 95.4 | 95.9 | 96.0 | 96.7 | 97.6 |
| 27.5 | 58.2 | 66.1 | 74.8 | 84.7 | 87.8 | 92.3 | 94.0 | | 95.7 95.8 | 96.3 | 96.5 | 97.0 | 97.1 97.2 | 97.8 98.0 | 98.9 |
| 27.5 | 58.2 | 66.1 | 74.8 | 84.7 | 87.8 | 92.3 | 94.0 | 94.3 | 95.8 | 96.5 | 96.6 | 97.2 | 97.3 | 98.3 | 99.5 99.6 100.0 |
| | 22.7 23.4 23.5 23.5 23.9 24.0 25.3 25.6 25.6 25.6 27.0 27.0 27.0 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5 | 22.7 41.4 23.4 44.1 23.5 44.6 23.5 44.7 23.9 45.7 24.0 46.3 24.0 48.7 25.3 50.9 25.3 50.4 25.6 51.6 26.1 52.7 26.2 53.1 26.7 54.4 27.0 55.3 27.0 56.7 27.0 56.7 27.0 56.7 27.3 57.3 27.5 58.2 27.5 58.2 | 22.7 41.4 46.0 23.4 44.1 49.5 23.5 44.6 50.0 23.5 44.7 50.1 23.9 45.7 51.1 24.0 46.3 52.0 24.6 48.7 54.8 25.3 50.9 57.4 25.5 51.4 58.1 25.6 51.6 58.4 26.1 52.7 58.1 26.1 52.7 58.2 26.1 52.7 56.2 27.0 56.2 64.2 27.0 56.2 64.2 27.1 56.7 64.6 27.2 57.0 64.6 27.3 57.3 65.3 27.5 58.2 66.1 27.5 58.2 66.1 | 22.7 41.4 46.0 51.4 23.4 44.1 49.5 55.2 23.5 44.6 50.0 55.8 23.9 45.7 51.1 56.9 24.0 46.3 52.0 58.0 24.0 48.7 54.8 60.9 25.2 50.9 57.4 63.4 25.6 51.4 58.1 64.4 25.6 51.6 58.4 64.7 26.1 52.7 59.5 65.9 26.2 53.1 59.9 66.3 26.2 53.1 59.9 66.3 27.0 56.0 63.9 71.2 27.0 56.0 63.9 71.2 27.1 56.7 64.6 72.0 27.2 57.3 65.3 72.8 27.3 57.3 65.3 72.8 27.5 58.2 66.1 74.6 27.5 58.2 66.1 74.6 27.5 58.2 66.1 74.8 27.5 58.2 66.1 74.8 27.5 58.2 66.1 74.8 27.5 58.2 66.1 74.8 27.5 58.2 66.1 74.8 | 22.7 41.4 46.6 51.4 56.6 23.4 44.1 49.5 55.2 60.4 23.5 44.6 50.0 55.8 61.2 23.5 44.7 50.1 55.9 61.2 23.5 44.7 50.1 55.9 61.2 24.0 46.3 52.0 58.0 63.4 24.0 48.7 54.8 60.9 67.0 24.0 48.7 54.8 60.9 67.0 25.3 50.9 57.4 63.4 70.2 25.5 51.4 58.1 64.4 71.3 25.6 51.5 2.7 59.5 65.9 72.8 26.2 53.1 59.9 66.3 73.3 26.7 54.4 61.9 68.8 76.9 27.0 56.0 63.9 71.2 79.6 27.0 56.0 63.9 71.2 79.6 27.0 56.0 63.9 71.2 79.6 27.0 56.7 64.6 72.0 80.9 27.3 57.3 65.3 72.8 81.6 27.5 58.2 66.1 74.8 84.7 27.5 58.2 66.1 74.8 84.0 27.5 58.2 66.1 74.6 84.1 27.5 58.2 66.1 74.8 84.7 27.5 58.2 66.1 74 | 22.7 41.4 46.0 51.4 56.0 58.1 23.4 44.1 49.5 55.2 60.4 62.6 23.3 44.6 50.0 55.8 61.2 63.3 23.5 44.7 50.1 55.9 61.3 63.4 65.6 24.0 48.7 51.1 50.9 62.3 64.4 24.0 46.3 52.0 58.0 63.4 65.6 24.0 48.7 54.0 60.9 67.0 69.2 24.0 48.7 54.0 60.9 67.0 69.2 24.0 48.7 54.0 60.9 67.0 69.2 24.0 48.7 54.0 60.9 67.0 69.2 25.5 51.4 58.1 64.4 71.3 73.8 25.6 51.6 58.1 64.4 71.3 73.8 25.6 51.6 58.1 64.4 71.3 73.8 26.1 52.7 59.9 66.3 73.3 75.8 26.7 54.4 61.9 68.8 76.9 79.5 27.0 55.3 62.0 69.8 78.1 01.0 27.0 56.0 63.9 71.2 79.6 82.6 27.1 56.7 64.0 72.0 80.2 83.2 27.1 56.7 64.0 72.0 80.2 83.2 27.1 56.7 64.0 72.0 80.2 83.2 27.1 56.7 64.0 72.0 80.2 83.2 27.3 57.3 65.3 72.8 81.6 84.2 27.3 57.3 65.3 72.8 81.6 84.2 27.3 58.2 66.1 74.4 83.7 86.8 27.5 58.2 66.1 74.4 83.7 86.8 27.5 58.2 66.1 74.8 84.7 87.8 2 | 210 | 22.7 41.4 46.0 51.4 56.0 58.1 60.4 61.2 23.4 44.1 49.5 55.2 66.4 62.6 65.1 65.9 23.5 44.7 50.1 55.9 61.3 63.4 66.2 67.1 23.9 45.7 51.1 56.9 62.3 64.4 67.2 68.1 24.0 46.3 52.0 58.0 63.4 65.6 66.4 69.2 24.0 46.3 52.0 58.0 63.4 65.6 66.4 69.2 24.0 48.7 54.8 60.9 67.0 69.2 72.0 72.9 24.0 48.7 54.8 60.9 67.0 69.2 72.0 72.9 25.3 50.9 57.4 63.4 71.2 73.8 76.8 77.7 25.6 51.4 58.1 64.4 71.2 73.8 76.8 77.7 25.6 51.6 58.4 64.7 71.2 73.8 76.8 77.7 25.6 51.6 58.4 64.7 71.2 73.8 76.8 77.7 26.1 52.7 59.5 65.9 72.8 75.3 78.8 79.9 26.7 54.4 61.9 68.8 76.9 79.5 62.6 83.7 27.0 56.0 63.9 71.2 79.6 82.6 85.7 86.9 27.0 56.0 63.9 71.2 79.6 82.6 85.7 86.9 27.2 57.3 64.4 61.9 68.8 76.9 79.5 62.6 83.7 27.0 56.7 64.2 71.6 80.2 83.2 86.3 87.5 87.2 27.2 57.3 64.2 71.2 79.6 80.2 83.2 86.3 87.5 87.3 57.3 57.3 66.9 72.8 75.3 58.2 66.1 74.4 83.7 86.8 90.6 91.8 27.5 58.2 66.1 74.4 83.7 86.8 90.6 91.8 27.5 58.2 66.1 74.8 84.1 87.2 91.2 92.3 27.5 58.2 66.1 74.8 84.5 87.6 91.9 39.5 27.5 58.2 66.1 74.8 84.7 87.8 92.3 94.0 27.5 5 | 210 | 22.7 41.4 46.0 51.4 56.0 58.1 60.4 61.2 61.4 62.6 23.4 44.1 49.5 55.2 60.4 62.6 65.1 65.9 66.1 67.3 23.5 44.6 50.0 55.6 61.2 63.3 66.1 67.0 67.2 68.4 23.5 44.7 50.1 55.9 61.3 63.4 66.2 67.1 67.3 68.5 24.0 46.3 52.0 58.0 63.4 65.6 68.4 67.2 68.1 68.3 69.5 24.0 46.3 52.0 58.0 63.4 65.6 68.4 69.2 69.5 70.6 24.0 48.7 54.0 60.9 67.0 69.2 72.0 72.9 73.1 74.3 24.0 48.7 54.0 60.9 67.0 69.2 72.0 72.9 73.1 74.3 25.3 50.9 57.4 63.4 70.2 72.0 72.9 73.1 74.3 25.3 50.9 57.4 63.4 71.3 73.8 76.8 77.7 78.0 79.1 25.5 51.4 58.1 64.4 71.3 73.8 76.8 77.7 78.0 79.1 25.0 51.6 58.4 64.7 71.2 73.8 76.8 77.7 78.0 79.1 25.0 51.6 58.4 64.7 71.2 73.8 76.8 77.7 78.0 79.1 26.1 52.7 59.9 65.9 72.8 75.3 78.3 79.2 79.5 80.1 81.3 26.7 54.4 61.9 68.8 76.9 79.5 82.6 83.7 83.9 85.1 27.0 55.3 62.8 69.8 76.9 79.5 82.6 83.7 83.9 85.1 27.0 56.7 64.6 72.0 80.8 83.9 87.1 88.3 27.0 56.7 64.6 72.0 80.8 83.9 87.1 88.3 88.9 89.7 27.1 56.7 64.6 72.0 80.9 83.9 87.1 88.3 88.9 89.7 27.1 56.7 64.6 72.0 80.9 83.9 87.1 88.9 89.7 27.3 57.3 65.3 72.8 81.0 84.0 88.3 89.5 89.7 90.9 27.5 58.2 66.1 74.4 83.7 86.8 90.6 91.8 92.0 93.2 27.5 58.2 66.1 74.4 83.7 86.8 90.6 91.8 92.0 93.2 27.5 58.2 66.1 74.8 84.0 87.1 91.0 92.3 92.5 93.7 27.5 58.2 66.1 74.8 84.0 87.1 91.0 92.3 92.5 93.7 27.5 58.2 66.1 74.8 84.1 87.2 91.2 92.6 92.9 94.3 27.5 58.2 66.1 74.8 84.1 87.2 91.2 92.6 92.9 94.3 27.5 58.2 66.1 74.8 84.1 87.2 91.2 92.6 92.9 94.3 27.5 58.2 66.1 74.8 84.1 87.2 91.2 92.6 92.9 94.3 27.5 58.2 66.1 74.8 84.1 87.2 91.2 92.6 92.9 94.3 27.5 58.2 66.1 74.8 84.7 87.8 92.3 94.0 94.3 95.8 27.5 58.2 66.1 74.8 84.7 87.8 92.3 94.0 94.3 95.8 27.5 58.2 66.1 74.8 84.7 87.8 92.3 94.0 94.3 95.8 27.5 58.2 66.1 74.8 84.7 87.8 92.3 94.0 94.3 95.8 27.5 58.2 66.1 74.8 84.7 87.8 92.3 94.0 94.3 95.8 27.5 58.2 66.1 74.8 84.7 87.8 92.3 94.0 94.3 95.8 27.5 58.2 66.1 74.8 84.7 87.8 92.3 94.0 94.3 95.8 27.5 58.2 66.1 74.8 84.7 87.8 92.3 94.0 94.3 95.8 27.5 58.2 66.1 74.8 84.7 87.8 92.3 94.0 94.3 95.8 27.5 58.2 66.1 74.8 84.7 87.8 92.3 94.0 94.3 95.8 27.5 58.2 66.1 74.8 84.7 87.8 92.3 94.0 94.3 95.8 27.5 5 | 22.7 41.4 46.0 51.4 56.0 58.1 60.4 61.2 61.4 62.6 63.1 23.4 44.1 49.5 55.7 60.4 62.6 65.1 65.9 66.1 67.3 67.8 23.5 44.6 50.6 55.8 61.2 63.3 66.1 67.0 67.2 68.4 68.9 23.5 44.7 50.1 55.9 61.3 63.4 66.2 67.1 67.3 68.5 69.6 23.9 45.7 51.1 56.9 62.2 64.4 67.2 68.1 68.3 69.5 70.6 24.0 46.3 52.0 58.0 63.6 65.6 66.4 69.2 69.2 70.6 71.2 24.0 48.7 54.8 60.9 67.0 69.2 72.0 72.9 73.1 74.3 74.9 24.0 48.7 54.8 60.9 67.0 69.2 72.0 72.9 73.1 74.3 74.9 25.3 50.9 57.4 63.4 70.2 72.0 72.9 73.1 74.3 74.9 25.3 50.9 57.4 63.4 71.2 73.8 76.8 77.7 78.0 79.1 79.8 25.5 51.4 58.1 64.4 71.3 73.8 76.8 77.7 78.0 79.1 79.1 26.1 52.7 59.5 65.9 72.8 75.3 78.3 79.2 79.5 80.6 81.3 26.7 54.4 61.9 68.8 76.9 77.5 82.6 83.7 83.9 85.1 85.7 27.0 56.7 64.0 72.0 80.9 83.9 87.1 88.3 88.9 85.1 27.0 56.7 64.0 72.0 80.9 83.9 87.1 88.3 88.9 89.0 70.2 27.2 57.0 56.4 64.2 71.6 80.2 83.2 80.3 87.5 87.7 88.9 90.0 27.2 57.0 56.9 64.2 71.6 80.2 83.2 80.3 87.5 87.7 88.9 90.0 27.2 57.0 56.0 64.2 72.4 81.2 84.2 87.4 88.6 88.8 90.0 90.6 27.3 57.3 65.3 72.4 81.0 84.2 87.4 88.6 88.8 90.0 90.6 27.3 57.3 65.3 72.4 81.0 84.2 87.4 88.6 88.8 90.0 90.6 27.3 57.3 65.3 72.4 81.2 84.2 87.4 88.6 88.8 90.7 90.3 27.5 58.2 66.1 74.4 83.7 85.7 85.7 89.4 90.5 90.8 91.9 92.6 27.5 58.2 66.1 74.4 84.1 87.2 91.2 92.6 92.9 94.3 94.9 94.3 95.9 97.5 58.2 66.1 74.6 84.1 87.2 91.2 92.6 92.9 94.3 94.9 94.3 95.8 96.5 27.5 58.2 66.1 74.6 84.1 87.2 91.3 93.0 93.3 95.3 95.9 27.5 58.2 66.1 74.6 84.1 87.2 91.3 93.0 93.3 95.3 95.9 27.5 58.2 66.1 74.6 84.1 87.2 91.3 93.0 93.3 95.3 95.9 27.5 58.2 66.1 74.6 84.1 87.2 91.3 93.0 93.3 95.3 95.9 27.5 58.2 66.1 74.6 84.1 87.2 91.3 93.0 93.3 95.3 95.9 27.5 58.2 66.1 74.6 84.1 87.2 91.3 93.0 93.3 95.3 95.9 27.5 58.2 66.1 74.6 84.1 87.2 91.3 93.0 93.3 95.3 95.9 27.5 58.2 66.1 74.6 84.1 87.2 91.3 93.0 93.3 95.3 95.9 27.5 58.2 66.1 74.6 84.1 87.2 91.3 93.0 93.3 95.8 96.5 27.5 58.2 66.1 74.6 84.1 87.2 91.3 93.0 93.3 95.8 96.5 27.5 58.2 66.1 74.6 84.1 87.2 91.3 93.0 93.3 95.8 96.5 27.5 58.2 66.1 74.8 84.7 87.8 92.3 94.0 94.3 95.8 96.5 27.5 58.2 66.1 74.8 84.7 87.8 9 | 22.7 41.4 46.0 51.4 56.0 58.1 60.4 61.2 61.4 62.6 63.1 63.1 23.4 44.1 49.2 55.2 60.4 62.6 65.1 65.9 66.1 67.2 67.8 67.8 23.5 44.6 50.0 55.8 61.2 63.3 66.1 67.0 67.2 68.4 68.5 68.9 68.9 23.5 44.6 50.0 55.8 61.2 63.3 66.1 67.2 67.3 68.5 69.0 69.0 23.9 45.7 51.1 56.9 61.2 63.4 66.2 67.1 67.3 68.5 69.0 69.0 23.9 45.7 51.1 56.9 61.2 63.4 66.2 67.1 67.3 68.5 69.0 69.0 24.0 46.3 52.0 58.0 63.4 65.6 68.4 69.2 69.5 70.0 70.0 24.0 46.3 52.0 58.0 63.4 65.6 68.4 69.2 69.5 70.0 70.0 24.0 48.7 54.0 60.9 67.0 69.2 72.0 72.9 73.1 74.2 74.9 74.9 24.0 48.7 54.0 60.9 67.0 69.2 72.0 72.9 73.1 74.2 74.9 74.9 24.6 48.7 54.0 60.9 67.0 69.2 72.0 72.9 73.1 74.2 74.9 74.9 25.6 51.4 58.1 64.4 71.2 73.8 76.8 77.7 78.0 79.1 79.8 79.8 25.5 51.4 58.1 64.4 71.2 73.8 76.8 77.7 78.0 79.1 79.8 79.8 25.0 51.6 58.4 64.7 71.0 74.1 77.1 78.1 78.1 78.3 79.5 80.1 80.1 80.1 52.7 59.5 65.9 72.8 75.3 78.3 79.2 79.8 80.8 81.3 81.9 81.9 26.1 52.7 59.5 65.9 72.8 75.3 78.8 79.9 80.1 81.2 81.9 81.9 26.1 52.7 59.5 65.9 72.8 75.3 78.8 79.9 80.1 81.2 81.9 81.9 27.0 55.3 62.8 69.1 69.8 76.9 79.5 82.6 83.7 83.9 85.1 85.7 85.7 85.7 54.4 60.9 64.2 71.6 80.2 83.2 86.9 87.1 88.9 89.0 89.6 81.3 81.9 81.9 81.9 81.9 81.9 81.9 81.9 81.9 | 22.7 41.4 46.0 51.4 56.0 58.1 60.4 61.2 61.4 62.6 63.1 63.1 63.2 34.4 44.1 49.5 55.2 60.4 62.6 65.1 65.5 66.1 67.2 68.4 68.9 69.5 23.5 44.0 50.0 55.8 61.2 63.4 66.1 67.2 66.1 67.2 68.4 68.9 69.5 23.5 44.7 50.1 55.9 61.3 63.4 66.2 67.1 67.2 68.4 68.9 69.6 69.6 23.5 44.7 50.1 55.9 61.3 63.4 66.2 67.1 67.2 68.4 68.9 69.0 69.5 23.5 44.7 50.1 55.9 61.3 63.4 66.2 67.1 67.2 68.4 68.9 69.0 69.5 23.9 44.7 50.1 55.9 61.3 63.4 66.2 67.1 67.3 68.5 69.0 69.0 69.5 23.9 45.7 51.1 56.9 62.2 64.4 67.2 68.1 68.3 69.5 70.0 70.0 70.5 24.0 48.7 54.8 60.9 67.0 69.2 72.0 72.9 73.1 74.3 74.9 74.9 75.5 24.6 48.7 54.8 60.9 67.0 69.2 72.0 72.9 73.1 74.3 74.9 74.9 75.5 24.6 48.7 54.8 60.9 67.0 69.2 72.0 72.9 73.1 74.3 74.9 74.9 75.5 25.3 50.9 57.4 63.4 70.2 72.0 72.0 72.9 73.1 74.3 74.9 74.9 75.5 25.5 51.4 58.1 64.4 71.3 73.8 76.8 77.7 78.0 79.1 79.8 79.8 80.2 25.6 51.6 58.4 64.7 71.2 71.2 71.0 77.1 78.1 78.3 79.5 80.1 80.1 80.6 26.1 52.7 59.5 65.9 72.8 75.3 78.3 79.9 80.1 81.3 81.3 81.3 81.3 81.3 81.3 81.3 81 | 210 | 210 |

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC NI 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUBAL CLIMATULUGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1381 RICKENRACKER AFB UH

7-70•73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~0'8'80'2'2'800

| CEILING | | | | | | | VIS | IBILITY (STA | ATUTE MIL | ES: | | | | | | |
|-----------------------|------|------------------|------|--------------|--------------|--------------|---|-------------------|---------------|--------------|--------------|--------------------|------------------------|-------------|-------------|---------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2% | ≥2 | ≥179 | ≥14 | ≥ı | یڈ ≤ | ≥'• | ≥'7 | ≥5/16 | ≥. | ≥0 |
| NO CEILING ≥ 20000 | 10.3 | 21.4 | 24.4 | 29 31. | 36.4 40. | 41. | 40. | 51. 56. | 53.5 | 54. | 57. 62. | 57. | 58.0 | 58.6 63. | 59. | 60.2 |
| ≥ 18000 ≥ 16000 | 10.8 | 23.1 | 26.° | 32. | 40. | 45.4 | 51. | 57.4 | 58.1 59.4 | 60. | 62. 63. | 63. | 63. | 63.1 | 64. | 66.2 |
| ≥ 14000 ≥ 12000 | 10.5 | 23.5 | 27. | 32.9 | 41.4 | 45.9 | 52.0 | 58 • ! • O • • | 60.4 | 61.6 | 64. | 64. | 65. | 65.4 | 66.4 | 67.8 |
| ≥ 10000 ≥ 9000 | 11.2 | 25 . 3 25 . 4 | 29.1 | 35,4 35.7 | 45. | 0.0د مورو | 56.4 57.4 | 63. | 65. | 67. | 69. | 69. | 70. | 70. | 71. | 73.0 |
| ≥ 8000 ≥ 7000 | 11.4 | 26. | 31.6 | 38.9 | 48.4 | 54.1 54. | 61. | 68. | 69.9 | 71.1 | 74.4 75. | 74.0 | 75. | 75.6 | 77. | 78 - 7 |
| ≥ 6000 ≥ 5000 | 11.5 | 27.1 27.5 | 32.9 | 39 · : | 51. | 55.5 56.5 | 63.0 | 69. | 71.6 | 73. | 76. 78. | 76 • 6 - 78 • 1 | 77.4 | 77. | 78. | 80 • 1 |
| ≥ 4500 ≥ 4000 | 11.7 | 27.8 | 33.5 | 40.6 | 51.1 52.4 | 57.3 58.4 | 64.5 | 72 • 3 73 • 3 | 74.4 | 76.1 | 79.4 80.4 | 79.0 | #0.4 - <u>81</u> -4 | 81.5 | 83. | 83•3 64• |
| ≥ 350¢ ≥ 3000 | 12.6 | 29. | 34.8 | 42.7 42.7 | 53.1 54. | 59.5 | 67.3 | 74.7 | 76.9 _78.4 | 79.4 | 81.9 | 83. | 83.0 | 84. | 84.4 | 86.0 |
| ≥ 2500 ≥ 2000 | 12.7 | 29.5 29.5 | | | 56. | 61.2 02.8 | 710 | 77.4 | 79. | 82.4 | 84.9 | 85.2 | 86.0 | 87.4 | 87.4 | 39.0 |
| ≥ 1800 ≥ 1500 | 12.6 | 30.3 | 36.1 | 44. | 56.5 57.5 | 62.9 | 71.1 | 79.0 80.5 | 81.4 | 84. | 86.7 | 86. | 87. | 87.1 | 91. | 90.4 |
| ≥ 1260 ≥ 1000 | 12.9 | 31.0 | | | 4 | 65.7 | 73. | 82.4 | 84. | 87, 88. | 90.2 | 910 | 91.5 91.5 | 91.4 | 92. | 94•4 -95•- |
| ≥ 900 ≥ 860 | 12.9 | 31.7 | 37.5 | | | 65.9 | 75.1 | 83.4 | 85.3 86.0 | 89 | 91.2 | 92. | 92. | 92.4 | A | 95.4 |
| ≥ 700 ≥ 600 | 12.9 | 31.2 | | 46. | 60.0 | | 75.6 | 84.2 | 86. | 89. 20. | 93.3 | 92. | 93.1 | 94. | 95. | 96.9 |
| ≥ 500 ≥ 400 | 12.9 | 31.2 | 37.0 | 46.1 | | 67.0 | 75.5 | 84.2 | 87. | 90. | 93.9 | 94. | 94.5 | 95. | 96. -96. | 98•0 98•4 |
| ≥ 300 ≥ 200 | 12.9 | 31.7 | 37.5 | 45. | 60.0 | 67.0 | 75.0 | 84.3 | 87.4 | 91. | 94.0 | 94. | 95. | 95. | | 98.6 |
| 2 00 | 12.9 | | 37.0 | 46. | 60.0 | | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 84.3 | 87.4 | 9] • 21 • | 94.1 | 94. | 95. | 95.0 | 97. | 99.6 |

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC MI 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSCIL

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

0

CEILING VERSUS VISIBILITY

13812 RICKENSACKER AFB UH

<u>67-70,73-76</u>

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0900-1100

| CEILING | | | | | | | VIS | BILITY (ST | ATUIE MIL | ES) | | | | | | |
|----------------------------|--------------|----------------------|----------------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------------|----------------------|----------------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥27⁄7 | ≥2 | 21% | ≥1% | ≥1 | ≥ 14 | ≥,• | ≥ 'ຈ | ≥ 5 16 | ٤. | ≥0 |
| NO CEILING ≥ 7C 90 | 18.2 | 38.7 40.4 | 44.8 | 51.2 54.1 | 56 • 9 60 • 1 | 59.2 62.7 | 60.4 64.1 | 64.7 | 61.1 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 65.3 |
| ≥ 18000 ≥ 16000 | 18.3 18.3 | 40.8 | 47.6 | 54.7 | 60 • 4 | 63.4 | 64.4 | 65.5 | 65.5 65.5 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.0 |
| ≥ 14000 ≥ 12000 | 18.4 | 42.8 42.8 | 49.6 50.2 | 57.1 | 62.5 | 65•3 66•1 | 67.7 | 67.4 68.4 | 67.4 68.5 | 68.0 69.0 | 68.0 69.v | 08.0 | 69.1 | 68.0 69.0 | 69.0 | 68•0 69•0 |
| ≥ 10000 | 18.9 18.9 | 44.6 | 52.4 52.4 | 59.6 59.9 | 66.5 | 68.8 | 70•4 70•9 | 71.5 | 71.3 71.7 | 71.8 | 72.3 | 71.8 | 71.8 | 72.3 | 71.8 | 72. |
| ≥ 8000 ≥ 7000 | 20.0 | 46.1 47.0 | 54.4 55.7 56.3 | 64.7 | 69.4 71.6 71.8 | 72.5 | 74.3 70.0 | 74.9 | 75.2 76.9 | 75.7 | 75.7 | 75.7 | 75.7 | 75•7 _77•9 | 75.7 | 75•7 -77•5 |
| ≥ 6000 ≥ 5000 ≥ 4500 | 20.2 | 48.6 | 56.4 | 65.3 | 1 - 7 | 75.2 76.1 77.1 | 77.2 78.4 79.4 | 78.0 79.2 80.2 | 78.3 79.6 80.5 | 78.9 80.2 81.2 | 78.9 30.3 81.3 | 78.9 80.3 | 78.9 80.2 81.3 | 78.9 80.3 | 78.9 80.3 | 78•9 _80•3 |
| ≥ 4000 ≥ 3500 | 21.0 | 49.6 | 59.0 60.1 | 68.4 | | 79.8 81.1 | 82.3 83.5 | 83.2 84.6 | 83.5 | 84.2 85.6 | 84.3 | 81.3 84.3 85.7 | 84.3 85.7 | 81 • 3 84 • 3 85 • 7 | 81.3 84.3 85.7 | 81.3 84.3 85.7 |
| ≥ 3500 ≥ 2500 | 21.9 | 52.0 52.4 | 62.3 | 71.7 | 80.2 | 84.4 | 86.3 | 88.2 | 88.7 | 88.4 | 88.5 | 8P.5 | 88.5 | 88.5 | 88.5 39.5 | 88.5 |
| ≥ 2000 ≥ 1800 | 22.2 | 52.9 53.1 | 63.4 | 73.5 | | 86.6 | 89.0 | 90.1 | 90.6 | 91.3 | 91.4 | 91.4 | 91.4 | _91.4 | 91.4 | 91.4 |
| ≥ 1200 | 22.9 | 54.8 | 65.5 | 76.8 | 80.2 | 90.4 | 92.3 | 93.3 | 93.9 | | 94.6 | 94.6 | 95.6 | 95.6 | | 94.6 |
| ≥ 10/10 ≥ 900 ≥ 800 | 22.9 | 55.7 55.9 | 66.6 | 77.4 | | 91.8 | 94.8 | 95.9 | 96.0 96.5 | | 96.8 | 97.2 | 96.8 | 97.2 | 97.2 | 97.2 |
| 2 700 2 660 | 22.9 | 56.3 56.7 56.8 | 67.5 | 78.4 | 88.5 | 92.5 | 90.2 | 97.3 | 97.8 | 98.5 | 98.6 | 98.6 | 98.6 | | 98.6 | 98.0 |
| ≥ 500 ≥ 400 | 22.9 | 56.8 56.8 | 67.6 | 78.6 | 88.8 | 93.5 93.7 93.7 | 96.8 96.9 95.9 | 98.2 | 98.5 98.7 98.9 | | | 99.5 | 99.2 99.5 | 99.5 | 99.5 | 21 |
| ≥ 300 ≥ 700 | 22.9 | 36.8 | | 78.6 | 88.5 | 93.7 | 90.9 | 98.4 | 98.9 98.9 | 99.6 99.6 | 99.9 | 99.9 | 100.0 | 100.0 100.0 100.0 | 100.0 | 100.0 |
| ≥ 100 ≥ 0 | 22.9 | 56.8 | 67.4 | 78.6 | | 93.7 93.7 | 90.9 | 98.4 | 98.9 | 99.6 | 99.9 | 99.9 | 100.d | 100.d | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC NI 64 0-14-5 (OL A) PRIVIOUS EDITIONS OF THIS FORM ARE GROOM

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

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C

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | | | | | | | VIS | BILITY (STA | ATUTE MIL | ES1 | | | | | | } |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-----------|--------------|--------------|-----------|----------|-------------|--------------|--------------------|
| 1661 | ≥ 10 | 2.6 | ≥5 | ≥4 | ≥3 | ≥27⁄2 | ≥2 | 211/2 | ≥1¼ | ≥1 | ≥ ¼ | ≥'• | 5,2 | ≥ 5/16 | ≥ '• | ≥0 |
| NO CEILING ≥ 20000 | 26.1 | 46.1 | 51.1 53.6 | 54.5 59.9 | 56.0 | 56. | 56.5 | 56.5 | 56. | 56 • : 62 | 56. 62. | 56. 62 | 56 62 | 56. | 56.5 | 56 • 5 |
| ≥ 18000 ≥ 16000 | 28.0 | 50.7 30.7 | 5 5. | 60.0 | 61. | 61.9 | 62. | 62. | 62. | 62. | 62. | 62. | 62. | 62. | 62. 62. | 62 |
| ≥ 14000 ≥ 12000 | 28.1 | 51.0 53.1 | 56.9 59.0 | 61.2 63. | 62. | 63.3 65. | 63.6 | 63.4 | 63.6 | 63. | 63. | 63. | 63. | 63. | 63. | 63. |
| ≥ 10000 ≥ 9000 | 29.6 | 55.1 55.1 | 61.6 | 65.5 65.9 | 67. | 67.6 | 68.3 | 68.3 | 68. | 68 | 68 | .86 8. | 68. | 68 | 68.3 | 68• |
| ≥ 8000 ≥ 7000 | 30.5 | 56.9 57.8 | 64.4 | 67.8 | 69.7 71.6 | 70.1 71.4 | 70.8 | 70.8 | 70.1 | 70.5 | 70.6 | 70.8 | 70.6 | 70.1 | 70 • | 70. |
| ≥ 6000 ≥ 5000 | 31.1 | 58.2 59.7 | 64.6 | 69.8 71.7 | 71.6 | 72.0 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72. | 72. | 72. | 72. j | 72.7 |
| ≥ 4500 ≥ 4000 | 32.3 | 64.7 | 68.3 72.2 | 73.3 | 75.3 | 75.7 80.2 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 81. | 76.0 | 76.0 |
| ≥ 3500 ≥ 3000 | 34.2 35.8 | 56.5 71.5 | 74.5 | 80.1 85.9 | 82.1 | 83.2 | 84.1 | 84.3 | 84.3 | 84.3 | 84 | 84.3 | 84. | 84. | 84,3 | 84. |
| ≥ 2500 ≥ 2000 | 36.8 | 72.6 | 82.0 | 88.4 | 91.6 | 92.7 | 93.6 96.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 1800 ≥ 1500 | 36.8 | 74.3 | 84.1 | 90.5 | 94.1 | 95.1 | 96.1 | 96.3 | 96.3 | 96.3 9n | 96 • 2 9g | 96°3 | 96•3 | 96. 98 | 96.3 98. | 96 • 3 - 98 • 1 |
| ≥ 1200 ≥ 1000 | 36.9 | | 85.5 | 92.4 | 96.1 | 97.2 | 98.4 98.7 | 98.7 | 98.8 | 98.8 | 98.6 | 98.8 | 98. | | 98.8 | 98.0 |
| ≥ 900 ≥ 800 | 37.0 37.0 | | 85.6 85.9 | | 96.3 | 97.4 | 98.7 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99. | 99.2 99.0 | 99.2 |
| ≥ 700 ≥ 600 | 37.0 37.0 | 75.5 | 85.9 | 92.9 | 96.9 | 98.0 98.0 | 99.2 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | | 99.8 |
| ≥ 500 ≥ 400 | 37.0 37.0 | , | 85.9 85.9 | 93.0 | 97.0 | | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | 99.9 |
| ≥ 300 ≥ 200 | 37.0 37.0 | 75.5 | 85,9 | 93.0 93.0 | 97.0 97.0 | 98.1 98.1 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 ≥ 0 | 37.0 37.0 | 75.5 | 85.9 | 93.0 | 97.0 | 98.1 98.1 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC 10164 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOL

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13812 RICKENBACKER AFB UH

67-70,73-78

WONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING | | | | | | - <u>-</u> - | VIS | BILITY (STA | ATUTE MILE | \$1 | | | | | | |
|----------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------|----------------------|--------------|----------------------|----------------------|----------------------|----------------------|--------------|----------------------|----------------------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2% | ≥ ? | ≥1% | ≥1½ | ≥1 | ≥ '₄ | ≥1, | ≥ ⅓ | ≥5′16 | ≥′. | ≥0 |
| NO CEILING ≥ 20000 | 3 2 32.7 | 51.2 56.3 | 55.8 61.5 | 58.6 | 59.7 | 59.7 66.0 | 59.7 66.0 | 59.7 66.0 | 39.7 | 59.7 66.0 | 59.7 66.0 | 59.7 66.0 | 59.7 66.0 | 59.7 66.0 | 59.7 66.0 | 59.8 |
| ≥ 18000 ≥ 16000 | 33.0 33.1 | 56.8 56.9 | 62.2 | 65.2 | 66.6 | 66.6 66.8 | 56.6 56.8 | 66.6 66.8 | 66.8 | 66.6 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.7 |
| ≥ 14000 ≥ 12000 | 34.0 | 57.5 58.4 | 64.2 | 67.6 | 67.0 | 67.8 | 67.8 | 67.8 59.4 | 69.4 | 69.4 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 69.5 |
| ≥ 10000 ≥ 9000 | 35.3 35.3 | 61.7 | 67.1 | 70.5 | 71.9 | 72.0 | 72.4 72.6 | 72.6 | 72.4 | 72.6 | 72.4 | 72.6 | 72.4 | 72.6 | 72.4 | 72.5 |
| ≥ 8000 ≥ 7000 | 36.9 36.9 | 63.8 | 69.2 70.0 | 73.1 | 74.7 | 74.8 | 75.2 75.9 | 75.7 | 75.2 | 75.2 75.9 | 75.2 75.9 | 75.7 -75.9 | 75.2 75.9 | 75.9 | 75.2 75.9 | 75.3 |
| ≥ 6000 ≥ 5000 ≥ 4500 | 38.4 | 65.9 | 70.9 72.3 73.4 | 74.7 76.5 77.6 | 76.3 78.1 79.4 | 76.5 78.2 79.5 | 76.8 78.5 | 76.8 78.5 | 76.8 78.9 | 76.8 78.5 | 78.5 | 76.8 78.5 | 76.8 78.5 | 76.8 78.5 | 76.8 78.5 | 76.9 |
| ≥ 4500 ≥ 4000 ≥ 3500 | 41.0 | 72.C | 79.0 | 83.9 | 85.8 | 86.0 | 79.8 66.6 | 79.8 86.7 89.9 | 79.8 86.7 | 79.8 86.7 89.9 | 79.8 86.7 89.9 | 79.8 86.7 89.9 | 79.8 86.7 89.9 | 86.7 | 79.8 86.7 89.9 | 86.8 |
| ≥ 3000 ≥ 2500 | 42.8 | 77.2 | 84.8 86.0 | 90.5 | 93.0 | 93.7 | 94.3 | 94.5 | 94.5 | 94.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 90 • 0 94 • 9 96 • 7 |
| ≥ 2000 ≥ 1800 | 43.5 | 78.8 | 86.7 | 92.5 | 95.5 | 96.3 96.3 | 97.1 | 97.3 | 97.3 | 97.6 | 97.0 | 97.6 | 96.6 97.6 97.6 | 97.6 | 97.0 | |
| ≥ 1500 | 43.9 | 79.7 | 87.5 | 93.3 | 96.7 | 97.5 | 98.6 | 98.8 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.5 |
| ≥ 1000 ≥ 900 | 43.9 | 79.7 | 87.5 | 93.4 | 97.0 | 97.8 | 98.7 | 98.9 | 98.9 | 99.6 | 99.6 | 99.7 | 99.6 | , | 99.6 | 99.7 |
| ≥ 800 ≥ 700 | 43.9 | 79.8 | 87.6 | 93.5 | 97.1 | 98.0 | | 99.0 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 |
| ≥ 500 | 43.9 | 79.8 | | 93.5 | 97.1 | 98.0 | 98.9 | 99.1 | 99.0 | 99.7 | 99.7 | 99.7 99.8 | 99.7 | | 99.8 | 99.8 |
| ≥ 400 ≥ 300 ≥ 200 | 43.9 | 79.8 | 87.6 | 93.5 | 97.2 | 98.1 | 98.9 | 99.2 | 99.2 | 99.9 | 99.9 | | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 100 ≥ 0 | 43.9 43.9 43.9 | 79.8 79.8 79.8 | , | 93.5 93.5 | 97.2 97.2 97.2 | 98 • 1 98 • 1 | 98.9 98.9 | 99.2 | 99.2 99.2 | 99.9 99.9 | 99.9 | | 99.9 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC NI 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSCRETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1,800-2000

| CEILING | | | | | | | VISI | BILITY (ST, | TUTE MILE | (5) | | | | | | |
|----------------------------|-------------|--------------|-----------------|--------------|------------|--------------|--------------|-------------|-----------------------------|--------------|--------------|---------------------|--------------------|--------------|----------------------|-----------------------|
| IIII | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2'2 | ≥ 2 | 21% | ≥1¼ | ≥1 | ≥ '₄ | ≥ ,• | الا ≨ | ≥ 5/16 | ≥'4 | ≥0 |
| NO CEILING ≥ 20000 | 34.2 | 55.7 61.7 | 58.5 65.6 | 62. 70. | 64. | 64. | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.4 | 73.0 | 73.0 | 73.4 | 73-0 |
| ≥ 18000 ≥ 16000 | 36.3 36. | 61.8 | 66.0 | 70.3 | 72. | 73.0 | 73. | 73. | 73. | 73.4 | 73.1 | 73.1 | 73. | 73. | 73. | 73. |
| ≥ 14000 ≥ 12000 | 36.9 | 62.6 | 66.6 | 72.4 | 73.2 | 73.: | 74.1 | 74. | 74 • 1 75 • 1 | 74.1 75.1 | 74. | 74. | 74. | 74 • | 74. | 74. |
| ≥ 10000 | 38.7 | 67.1 67.1 | 71.02 -71.02 | 76.1 76.1 | 78.9 | 72. | 79.5 | 79.9 | 79.9 | 79.9 | 79.9 | 79.5 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥ 8000 ≥ 7000 | 40.9 | 69.5 70.5 | 74.2 | 80.4 | 83.(| 84.7 | 84.3 | 84.3 | 84.3 | 85.4 | 84.1 85.4 | 85.4 | 84.: | 85. | 84.3 85.4 86.6 | 84.3 -85.4 86.0 |
| ≥ 6000 ≥ 5000 | 41.3 | | 75.9 | 82.2 | 84. | 85.4 | 86.0 | 87.3 | 87.1 | 87.8 88.7 | 87.4 | 86.0 87.1 88. | 86.0 87. 88. | 86.0 87.1 | 87. | 87.4 88.7 |
| ≥ 4500 ≥ 4000 | 42.3 | 72.9 | 78 · 80 · 8 | 87.0 | | 91. | 88.7 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92 | 92.0 | 92.0 | 92.0 |
| ≥ 3500 ≥ 3000 | 42.0 | 76.7 | | | 94.4 | 92.6 95.4 | 93. | 93. 96. | 93.3 <u>-96.</u> 96.8 | 96.9 | 96•1 96•9 | -94 -96 | 96 | 96 | 96. | 96.4 |
| ≥ 2500 ≥ 2000 ≥ 1800 | 42.9 | 78 · 0 | 84.9 | 1 | 95. 95. | 96.9 | 97.6 | 97.4 | 27.6 | 97. | 97.7 | 97. 97. | 97. | 97. | 97. | 97+7 |
| ≥ 1500 | 43. 43. | 78.7 79.0 | 85. | 92. | | 97. | 98.0 | 28.0 | 98. 98. | 98.7 | 98. | 98 | 98 | 90. | 98. | 98.4 |
| ≥ 1000 | 43. | 79.2 | | 93.7 | 96. | 98.0 | 90. | 99 | 99 | 99 99 | 99 | 99 | 99 | 99. | 99-1 | 99.4 |
| ≥ 800 ≥ /(X) | 43. | 79.2 | 85. | 93 | 96 | 98.4 | 79. | 99 | 99. | 99 | 99. | 99. | 99 | 99. | 99 | -99+8 |
| ≥ 600 ≥ 500 | 43. | 79.7 | 85. | 93. | 96. | 98.4 | 99. | 99. | 99. | 99. | 99. | 99. | 50. | 99. | 99. | 99.9 |
| ≥ 400 | 43. | 79. | 85. | 93. | 96. | 98. | 99. | 99. | 99. | 99.9 | 99.5 | 7 | 1 | ٦ | 7 | 100+0 |
| ≥ 200 | 43. | 79.7 | 85. | 93. | 90. | 98 | 99. | 99. | 99. | 99.9 | | | 9100 | | 1 | 100•0 |
| ≥ 0 | 43. | | | | 1 | . | 99. | 99. | 99. | 99.0 | | | | _ | 7 | 0100-0 |

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC 10.04 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13812 RICKENRACKER AFB UH

67-70,73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING | | | | | | | VIS | BILITY (ST. | ATUTE MIL | ES) | | | | | | |
|----------------------------|--------------|----------------------|----------------------|--------------|------------------|--------------|--------------|---|----------------------|----------------------|-------|----------------------|----------------------|--------------|---------------|---------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2⅓ | ≥ 2 | ≥1% | ≥1% | ≥1 | ≥ ١, | ≥,• | ≥ י׳ז | ≥5 16 | ≥.• | ≥0 |
| NO CEIUNG ≥ 20000 | 37.2 38.8 | 58.2 62.9 | 67.3 | 65.8 71.7 | 66 · 8 | 67.0 73.3 | 67.4 | 67.4 | 67.4 | 67.4 | • • | 67.4 | 67.4 | 67.4 | | 1 |
| ≥ 18000 ≥ 16000 | 38.8 | 62.9 | 67.3 | 71.7 | 73.1 | 72.3 73.3 | 73.9 73.9 | 73.9 | 73.9 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | | 73.9 | 73.9 73.9 |
| ≥ 14000 ≥ 12000 | 39.1 40.0 | 03.7 65.2 | 69.6 | 72.5 | 73.9 | 74.1 76.0 | 74.6 | | | 76,6 | 76.6 | | 74.6 | 74.6 | | 74.6 |
| ≥ 10000 ≥ 9000 | 40.9 | 68.4 | 72.8 73.1 | 78,2 78,5 | 79 • 8 80 • 1 | 80.1 | 80.8 81.1 | 80.8 | 81.1 | 80.8 | 81.1 | 81.1 | 80.8 | 81.1 | 81.1 | 80 • E |
| ≥ 8000 ≥ 7000 | 41.9 | 77.0 | 77.3 78.5 | 83.0 84.4 | 84.7 | 85.1 86.5 | 85.7 87.1 | 85.7 | 85.7 87.1 | 85.7 87.1 | 87.1 | 87.1 | 85.7 87.1 | 85.7 87.1 | 85.7 87.1 | 85.7 |
| ≥ 6000 ≥ 5000 | 43.4 | 73.9 | 79.1 80.0 | 85.2 86.1 | 86.9 87.8 | 88.2 | 87.8 88.8 | 88.8 | 88.88 | 88.8 | 88.8 | 88.8 | 87.8 88.8 | 88.8 | 88.8 | 87•8 _88•8 |
| ≥ 4500 ≥ 4000 | 44.4 | 75.4 77.6 78.8 | | 89.8 | | 92.0 | 92.7 | 92.7 | 92.7 | 89.8 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 89.8 92.7 |
| ≥ 3500 ≥ 3000 | 45.1 45.1 | 80.6 | 86.2 | 91.7 | | 96.0 | 94.6 | 96.8 | 96.8 | 96.8 | 96.6 | 96.8 | 94.0 96.8 | 96.8 | 26.8 | 96.4 |
| ≥ 2500 ≥ 2000 ≥ 1800 | 45.2 | 81.0 | 86.9 87.2 87.2 | 94.5 | | 97.1 | 98.0 | 98.0 | 98.0 | 98.0 | 28.0 | 98.0 | 97.5 | 98.0 | 98.0 | 97•5 _98•0 |
| ≥ 1500 | 45.2 | 81.0 | 87.3 | 94.7 | 97.0 | 47.6 | | 98.5 | 98.0 98.5 98.6 | 98.0 98.5 | 98.5 | 98.5 | 98.0 98.5 | | 98.5 | 98•0 |
| ≥ 1600 | 45.2 | 81.0 | | 94.7 | 97.0 | 97.6 | | 98.7 | 98.7 | 98.7 99.0 99.2 | | 98.7 | 98.7 99.0 | 98.7 29.0 | 98.7 _99.0 | 98.7 |
| ≥ 700 | 45.2 45.2 | 81.1 | 87.4 87.4 | 94.9 | 97.2 | | 98.9 98.9 | 98.9 98.9 98.9 | | 99.4 | 99.4 | 99.2 99.4 99.6 | 99.2 99.4 99.6 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 45.2 | 81.4 | 87.7 87.7 | 95.3 95.3 | 97.5 | 98.2 98.2 | | 99.2 | 99.2 | 99.9 | 99.9 | 99.9 | 99.9 | | 99.9 | 99.9 |
| ≥ 400 | 45.2 | 81.4 | 87.7 87.7 | 95.3 95.3 | 97.6 | 98.3 | | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100-0 |
| ≥ 200 | 45.2 | 81.4 | 87.7 | 95.3 | 97.6 | | 99.4 | 99,4 | 99.4 | 100.0 | 100.0 | 100.0 | 100-0 | 100.0 | 100.0 | 100-0 |
| ≥ 0 | 45.2 | 81.4 | | 95,3 | | i | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | | | 100-0 |

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC 10164 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM AME OBSOLES

GLOBAL CLIMATOLUGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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C

0

C

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

∞1345 **---**-

| CEILING | | | | | | | VIS | BILITY (ST | ATUTE MIL | ES) | | | | , | | |
|-------------------------|--------------|------------------|------------------|--------------|------------------|------------------|--------------|---------------|---------------|---------------|---------------|------------------|------|-------------------|------------|------------------|
| 1661 | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2⅓ | ≥ 2 | ≥1½ | ≥11/2 | ≥1 | ≥ ½, | 5,* | ≥ 'ז | ≥5/16 | ≥'₄ | ≥0 |
| NO CEILING ≥ 20000 | 26.3 27.7 | 45.5 | 50 • 2 54 • 5 | 54.6 59.5 | 57 · t | 59.0 64.4 | 60.3 66.0 | 61.2 | 61.4 | 61.6 | 62.2 | 62 • 2 68 • 0 | 62.3 | 62.4 | 62. | 68. |
| ≥ 18000 ≥ 16000 | 27.8 | 49.9 | 54.8 55.0 | 59.8 | 63.4 | 64.8 | 66.3 | 67. | 67.6 | 68.6 | 68.4 | 68.4 68. | 68.6 | 68.6 | 68. | 69.4 |
| ≥ 14000 ≥ 12000 | 28.1 | 50.9 51.8 | 55.9 57.0 | 62.2 | 64.7 | 66.0 | 67.7 | 68.7 | 70.4 | 70.5 | 69.0 | 69.8 | 69.4 | 70 • 0 -71 • 1 | 70. | 70 • 3 - 72 • |
| ≥ 10000 ≥ 9000 | 29.3 | 54 • 1 54 • 3 | 59.5 59.7 | 65.0 | 69.4 | 70.6 | 72.4 | 73.5 | 73.8 | 74.5 | 74.5 | 74.9 | 74.8 | 74.9 | 75. 75. | 75.7 |
| ≥ 8000 ≥ 7000 | 30.1 | 56 • 5 57 • 2 | 62.4 63.3 | 68.3 69.4 | 72.6 | 74.4 | 76.3 | 77.4 | 77.7 | 78.2 | 78.6 79.8 | 78.6 | 78.6 | 78.8 | 79.1 | 79.4 |
| ≥ 6000 ≥ 5000 | 30.9 31.2 | 57.8 58.8 | 65.0 | 70.1 | 74.7 | 76.3 | 78.3 | 79.4 | 79.7 | 80.2 | 80.0 _82.2 | 80.7 | 80.8 | 80.9 | 81.2 | 81.5 |
| ≥ 4500 ≥ 4000 | 31.5 32.3 | 59.4 61.7 | 68.4 | 75.2 | 76.9 | 78.5 | 80.6 | 81.6 | 82.2 | 82.7 86. | 83.2 86.9 | 83.7 | 83.4 | 87. | 83.7 | 84.0 |
| ≥ 3500 ≥ 3000 | 32.7 33.2 | 63.0 | 72.0 | 79.2 | 82 • 1 84 • 9 | 83.9 86.8 | 86.1 89.0 | 87.4 90.4 | 87.7 -90.7 | 88.3 91.4 | 88.7 | 88.7 | 88.5 | 89.0 | 92.7 | 89.6 |
| ≥ 2500 ≥ 2000 | 33.4 33.5 | 65.7 | 72.6 73.3 | 80.9 | 86.8 | 89.0 | | 91.5 | 91.9 | 92.6 | 93.0 | 93.0 | 93.2 | 93.2 | 93.5 | 93.9 |
| ≥ 1800 ≥ 1500 | 33.6 33.7 | 65.8 66.3 | 74.1 | 81.0 81.7 | 87.0 87.9 | 90.1 | 91.5 | 92.9 | 93.3 | 93.9 -95.2 | 94.4 | 94.4 | 94.6 | 94.6 | | 75.2 |
| ≥ 1200 | 33.8 | 66.6 66.8 | 74.6 | 82.4 | 88.9 | 90.8 91.2 | 93.8 | 94.7 95.3 | 95.2 95.8 | 95.9 | 96.4 | 96.4 | 96.6 | 96.7 97.7 | 96.9 | 97.3 |
| ≥ 900 ≥ 800 | 33.8 33.8 | 66,9 | 74.8 | 82.8 | 89.3 | 91.3 91.6 | | 95.5 95.8 | 95.9 -96.3 | 97.2 | 97.4 | 97.6 | 97.5 | 97.5 97.5 | | 98•2 |
| ≥ /00 ≥ 600 | 33.8 | 67.0 67.1 | 74.9 | 83.0 | 89.6 | 92.0 | 94.7 | 96•1 96•3 | 96.6 96.8 | 97.8 | 98.0 | 98.0 -98.3 | 98.5 | 98.5 | 98.5 | 98•9 |
| ≥ 500 ≥ 400 | 33.8 | 67.1 67.1 | 74.9 | 83.0 | 59.7 | 92.1 92.1 | 94.8 | 96+5 -96+6 | 97.0 97.1 | 98.2 | 98.6 | 98.5 | 98.7 | | | 99•4 |
| ≥ 300 ≥ 200 ≥ 100 | 33.8 | 67.1 | 74.9 | 83.0 | 89.7 | 92 • 1 92 • 1 | 94.9 | 96.6 | 97.1 | 98.2 | 98.7 98.7 | 98.7 | 99.0 | 99.0 | 99.4 | 99•7 |
| ≥ 100 | 33.8 33.8 | | 74.9 | | | 92 • 1 92 • 1 | 94.9 | 96.6 96.6 | | 98.2 | 98.7 | 98.7 98.7 | 99.0 | 99.0 | 99.4 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS

743

USAF ETAC 100 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13812 RICK

RICKENBACKER AFB OH

67-70,73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_0000=0200

| CEILING | | | | | | | VIS | BILITY (STA | ATUTE MIL | ES) | | | | | | |
|----------------------------|----------------------|--------------|--------------|------|--------------|----------------------|----------------------|----------------------|----------------------|--------------|----------------------|----------------------|------------------|------------------|----------------------|-----------------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1% | ≥1 | ≥ 1, | ≥′• | ≥"⁄7 | ≥5′16 | ≥.• | ≥0 |
| NO CFILING ≥ 20000 | 38.8 39.6 | | 59.1 60.7 | 61.2 | 63.2 65.0 | 63.4 | 64.2 66.0 | 64.4 | 64.6 | 66.4 | 64.7 | 64.7 | 64.9 | 64.9 | 64.9 | 65.0 |
| ≥ 18000 ≥ 16000 | 39.7 39.8 | 57.3 57.4 | 61.0 | 63.2 | 65.2 | 65.4 | 66.2 | 66.6 | 66.7 | 66.8 | 66.7 66.0 | 66.8 | 66.9 | 66.9 | 67.0 | 67.1 |
| ≥ 14000 ≥ 12000 | 40.4 | 58.4 | 64.7 | 64.3 | | 66.6 | 67.3 70.1 | 67.6 | 67.7 70.4 | 67.8 70.6 | | 67.8 70.6 | 68.0 70.8 | 68 • 0 70 • 8 | 68.1 70.9 | 68.7 71.0 |
| ≥ 10000 ≥ 9000 | 44.1 | 64.6 | 69.0 | 71.6 | | 74.5 | | 75.6 75.8 | 75.7 75.9 | 75.9 76.1 | 75.9 76.1 | 75.9 76.1 | 76 • 1 76 • 3 | 76.1 76.3 | 76.2 76.6 | 76•4 76•7 |
| ≥ 8000 ≥ 7000 | 46.2 46.9 | 68.3 | 72.8 | 75.6 | 78.1 | 77.6 78.8 79.9 | 79.6 | | 78.9 80.1 | 79.1 80.3 | 79.1 80.3 | 79•1 80•3 | 79.3 80.6 | | 79.6 | 80.5 |
| ≥ 6000 ≥ 5000 ≥ 4500 | 48.0 | 70.6 | 75.2 77.0 | 78.0 | 81.1 | 81.8 | | 81.1 83.0 | 81.2 83.1 | 81.4 83.3 | 81.4 | 81.4 83.3 | 81.7 | 83.6 | 81.9 | 82•0 83•9 |
| ≥ 4000 | 50.2 | 73.2 | 78.6 | 82.0 | 85.1 | 86.0 | 84.7 86.8 88.2 | 85.1 87.2 88.7 | 85.2 87.3 88.8 | 87.6 | 85.4 87.6 89.0 | 85.4 87.6 89.0 | 87.4 | | 85.9 88.0 89.4 | 86.0 -88.1 89.6 |
| ≥ 3000 | 51.3 | 75.2 | 81.0 | 85.1 | 88.2 | 90.6 | 89.9 | 90.3 | 90.4 | 90.7 | 90.7 | 90.7 | 90.9 | 90.9 | 91.1 | 91.2 |
| ≥ 2000 | 51.9 51.9 | 76.8 76.8 | 83.6 | | 91.8 | 92.8 | 93.6 | 94.1 | 94.2 | 94.4 | 94.4 | 94.4 | 94.7 | 94.7 | 94.9 | 95.0 |
| ≥ 1500 | 52.4 52.7 | 77.4 | 84.2 | 90.0 | | 95.0 | 95.9 | 95.4 | 95.6 96.7 | 95.8 | 95.8 | 96.9 | 96.0 | 96.0 | 96.2 | 96.3 |
| ≥ 1000 ≥ 900 ≥ 800 | 5, .8 | | 86.2 | 91.1 | 95.1 | 96.2 | 97.2 | 97.9 | | 98.3 | 98.3 | 97.7 98.3 | 98.6 | 97.9 98.6 | 98.8 | |
| ≥ 700 ≥ 600 | 52.8 52.8 52.8 | 79.2 | 86.6 86.8 | 91.7 | 95.8 | 96.7 96.9 96.9 | 97.7 97.9 97.9 | 98.6 | 98.8 | 99.1 | 98.9 99.1 | 98.9 99.1 99.1 | 99.3 99.3 | | 99.6 99.6 | 1 |
| ≥ 500 ≥ 400 | 52.8 52.8 | 79.2 | 86.8 | 91.7 | 95.8 | 96.9 | 97.9 | 98.6 | 98.8 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.6 | 99.7 |
| ≥ 300 ≥ 200 | 52.8 52.8 | 79.2 | 86.8 | 91.7 | 95,8 | | 98.0 | 98.7 | 98.9 | 99.2 | 99.2 | 99.2 | 99.4 | | | |
| ≥ 100 ≥ 0 | | 79.2 | 86.8 | 91.7 | | 96.9 | 98.0 | 98.7 | 98.9 | 99.2 | 99.2 | 99•2 99•2 | 99.4 | | 99.8 | |

TOTAL NUMBER OF OBSERVATIONS

90

USAF ETAC NI 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATOLOTY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

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CEILING VERSUS VISIBILITY

13812 RICKENPACKER AFB WH

4,7-70,73-78

-030050500

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | | | | | | | VIS | BILITY (ST | ATUTE MILI | ES1 | | | | | | |
|----------------------------|----------------------|--------------|------------------|------------------|--------------|--------------|--------------|---------------|----------------------|----------------------|---------------|-------------------------------|--------------|--------------|--------------|----------------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2% | ≥2 | ≥1½ | ≥1% | ≥1 | ≥ 1,4 | ≥'• | ≥% | ≥5/16 | ≥'₄ | ≥0 |
| NO CEILING ≥ 20000 | 28.3 28.9 | 48.3 48.9 | 52.6 53.4 | 55.7 56.1 | 58.3 59. | 58.8 59.7 | 61.0 | 61.2 | 61.6 | 62.1 | 62.4 | 63. | 63.4 | 65.4 | 65.3 | 68.0 |
| ≥ 18000 ≥ 16000 | 29.0 | 49.4 | 54.0 54.4 | 56.7 57.1 | 59. | 60.2 | 62.6 | 62.8 | 63.1 | 63. | 64.4 | 64. | 65.6 | 66.1 | 67. | 68•6 |
| ≥ 14000 ≥ 12000 | 29.3 30.4 | 50,3 52,2 | 54.9 -56.9 | 57.9 59.9 | 61.0 | 61.4 | 63.6 | 64.0 | 64.3 | 66.5 | 65.7 | 65 • 9 | 66.6 | 67. | 70. | 69 • 8 |
| ≥ 10000 ≥ 9000 | 32.3 32.4 | 55.1 55.3 | 60.2 60.4 | 63.4 _63.7 | 67.0 67.0 | 67.4 | 70.0 | 70•2 | 70.7 | 71.7 | 72.0 | 72.3 | 73.7 | 73.5 | 75. | 76•2 |
| ≥ 8000 ≥ 7000 | 33.7 34.7 | 57.7 59.0 | | 66 • 1 67 • 7 | 69.7 | 70.1 71.7 | 72.7 | 72.9 -74.4 | 73.4 | 74.0 | 74.8 | 75 • 1 | 76.0 | 78. | 79 | 80-4 |
| ≥ 6000 ≥ 5000 | 35.0 35.4 | 59.7 60.7 | 65 • 1 66 • 2 | 68.4 | 72.0 | 72.4 | 75.0 77.1 | 75.2 77.6 | 75 • 8 - 78 • 1 | 76.3 78. | 77.1 | 77.4 | 78 • 80 • | 78.9 | 82 | 81• |
| ≥ 4500 ≥ 4000 ≥ 3500 | 35.8 37.4 37.6 | 61.3 | 69.4 70.2 | 70.0 | 74.7 | 75 • 1 | | 78.6 | 81.5 | 79.7 | 80.4 -83.2 | 80 • 8 - 83 • (| 81. | 82.2 85.0 | 83.2 86.0 | 84.7 |
| ≥ 3000 | 38.1 38.2 | 65.9 | | | 50.2 | 80.8 | 83.4 | 84.9 | 83.0 84.8 85.4 | 83.6 85.7 86.0 | 84.3 86.8 | 84.7 86.4 87.1 | 85.6 87.1 | 87.5 | 88.5 | 88.6 90.3 91.0 |
| ≥ 2000 | 38.8 | 66.9 | 73.2 | 77.3 | 82.4 | 83.4 | Beac | 86.4 | 87.0 87.4 | 87.6 | 88. | 88 - 1 89 - 1 | 90.0 | 90.1 | 91. | 92.6 |
| ≥ 1500 | 39.1 39.4 | 67.8 | 74.1 | 78.3 | 83.0 | 84.1 | 87.7 | 67.7 89.7 | 88.2 | 88.8 | 89.7 | 90.0 | 90.9 | 91.4 | 92.4 | 93.9 |
| ≥ 1000 | 39.4 39.7 | | 75.0 | 80.4 | 86.1 | 86.8 | 90. | 90.7 | 92.0 | 91.6 | 92.7 | 93.6 | 93.9 | 94.4 | 95.4 | 96.9 |
| ≥ 800 | 39.7 | 69.7 | 76.2 | 81.0 | 87.7 | 88.4 | 21.6 | 92.0 | | 93.1 | 94.0 | 94.5 | 95. | 95.6 | 96.1 | 98.7 |
| ≥ 600 | 39.7 | 69.7 | 76.2 | 81.2 | 87.8 | 88.6 | 92.1 | 92.7 | 93.2 | 93.8 | 94.6 | 95.0 | | | | 98+4 99+1 |
| ≥ 400 | 39.7 39.7 | 69.7 | 76.2 76.2 | | 87.9 | 88.7 | 92 · . | 92.8 | | 93.9 | | 95 • 2 95 • 2 | 96. | 96.6 | 97. | 99.7 |
| ≥ 200 | 39.7 | | 76.2 | 81.2 | 87.9 | 88.7 | 92. | 92.8 | | | 95.1 | 95.4 | 96. | 96.9 | 98.0 | 1. ' ' ! |
| ≥ 0 | 39.7 | 69.7 | 76.2 | 81.2 | 87.9 | 1.83.1 | 192. | 92.8 | 93.3 | 94.7 | 95-1 | 95.4 | 96. | 96.4 | 1 98. | 110€+ d |

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOL

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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CEILING VERSUS VISIBILITY

13812 RICKENSACKER AFB UH

67-70-73-78

-05Eh

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_0600=0800

| CEILING | | | | | | | VIS | IBILITY (STA | ATUTE MILI | ES) | | | | | | |
|----------------------------|--------------|--------------|--------------|----------------------|----------------------|----------------------|------------------|----------------------|----------------------|----------------------|----------------------|----------------------------|----------------------|------------------|----------------------|----------------------|
| 1661 | ~ 10 | ≥6 | ≥ 5 | ≥4 | ≥3 | ≥2% | ≥2 | לוו≤ | ≥11/4 | ≥1 | ≥ ¼ | ≥,• | ≥% | ≥5 16 | ≥ '• | ≥0 |
| NO CEILING ≥ 20000 | 13.1 | 27.3 28.8 | 30.9 32.3 | 34.6 36.2 | 40.6 | 43.4 45.6 | 46.8 49.2 | 49.6 52.1 | 50.2 52.9 | 51.8 54.7 | 52.9 55.8 | 53 • 1 56 • 0 | 54.2 57.1 | 54.7 57.6 | 56.0 59.0 | 58.9 |
| ≥ 18000 ≥ 16000 | 13.8 | 29.1 29.3 | 32.8 33.0 | 36.9 | 43.7 | 46.0 46.7 | 49.7 | 52.6 52.8 | 53.3 53.6 | 55.1 55.3 | 56.2 56.4 | 56.4 56.7 | 57.6 57.8 | 58 • 0 58 • 2 | 59.4 59.7 | 62.4 |
| ≥ 14000 ≥ 12000 | 14.1 | 30.3 | 34.4 | 38.4 | | 48.1 49.4 | 52.0 53.3 | 55.0 56.3 | 55.8 57.1 | 57.6 58.9 | 58.7 -60.0 | 58.9 | 60.0 | 60 • 4 61 • 8 | 61.9 | 64.9 |
| ≥ 10000 | 15.2 15.3 | 33.6 | 38.1 | 42.2 | 49.1 | 52.4 52.6 | 56.6 56.7 | 59.7 | 60.3 | 62.2 | 63.3 | 63.4 63.6 | 64.6 _64.7 | 65.1 | 66.4 | 69.6 |
| ≥ 8000 ≥ 7000 | 16.2 16.8 | 35.6 36.8 | 41.9 | | 52.2 53.9 | | 60 • 1 61 • 8 | 63.1 64.8 | 63.9 | 65.7 | 66.9 | 67.1 68.8 | 69.9 | 68.7 70.3 | 70.1 | 73.3 |
| ≥ 6000 | 17.1 17.6 | 37.3 38.7 | 44.0 | 47.1 48.8 49.6 | 54.8 56.6 57.4 | 60.1 | 62.7 64.4 | 65.7 67.7 | 66.4 68.4 | 68.2 70.4 | 69.6 | 69.8 72.0 | 70.9 | 71.3 _73.6 | 72.8 | 76.0 |
| ≥ 4500 ≥ 4000 ≥ 3500 | 18.2 | 40.3 | 46.1 | 51.1 52.2 | 59.6 60.7 | 61.2 63.7 64.8 | 65.8 66.2 | 69.1 71.6 72.8 | 69.9 72.3 73.6 | 71.9 74.3 75.6 | 73.3 75.6 | 73.6 76.0 | 74.7 77.1 78.3 | 75•1 77•6 | 76.6 79.0 | 82.2 |
| ≥ 3000 | 18.4 | 42.2 | 48.6 | 53.8 54.4 | 62.7 | 67.0 | 71.8 | 75.2 | 76.0 77.0 | 78.0 79.1 | 77.0 79.4 | 77.2 79.7 | 80.8 81.9 | 78.8 81.3 | 80.2 82.9 84.0 | 86.1 |
| ≥ 2000 | 18.8 | 43.9 | 50.4 | 56.0 56.1 | 65.3 | 69.8 | 74.7 | 78.3 78.4 | 79.1 | 81.3 81.4 | 80.6 83.0 83.1 | 80 • 8 83 • 2 83 • 3 | 84.4 | 84.9 | 86.4 | 87.2 89.7 89.8 |
| ≥ 1500 | 19.1 | 45.4 | 52.1 52.9 | 57.7 58.8 | 67.2 | 71.9 | 76.8 78.6 | 80.6 | 81.3 | 83.6 | 85.2 | 85.4 87.4 | 86.6 | 87.1 | 88.7 | 91.9 |
| ≥ 1000 | 19.2 | 46.7 | | | 68.8 | 73.8 | 78.9 | | | 86.4 | 88.1 89.6 | 88.3 89.9 | 89.4 | 20.0 | 91.6 | 94.8 |
| ≥ 800 | 19.2 | 46.9 | | 59.9 | 70.3 | 75.4 75.4 | 80.7 | 85.3 | 86.2 | 88.4 | 90.1 | 90.3 | 91.4 | 92.0 | 23.6 | .96.8 |
| ≥ 600 | 19.2 | 46.9 | | 59.9 60.0 | | 75.4 75.9 | 80.8 | 85.6 | 86.4 | 88.9 | 90.6 | 90.8 | 92.0 | 92.6 | 94.1 | 97.3 |
| ≥ 400 | 19.2 | 46.9 | | 60.0 | 70.7 | 75.9 75.9 | 81.6 | 86.6 86.6 | 87.4 | 89.9 89.9 | 91.7 | 91.9 | 93.2 | 93.7 | 95.2 | 98.8 |
| ≥ 700 | 19.2 19.2 | 46.9 | | 60.0 | 70.7 70.7 | 75.9 75.9 | .81.6 | 86.6 | 87.4 | 89.9 | 91.7 | 91.9 | 93.2 | 93.8 | 95.3 | 99.3 |
| ≥ 0 | 19.2 | 46.9 | 53.9 | 60.0 | 70.7 | | | 86.6 | | 89.9 | 91.7 | 91.9 | 93.2 | | | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

90

USAF ETAC NIL 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATULOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13812 RICKENDACKER AFB UH

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47-70-73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0.800 - 1.100

| 25,000 | | | | | | | VIS | BILITY (STA | tute Will | ES) | | | | | | |
|----------------------------|----------------------|-------------------|--------------|--------------|------------------|--------------|--------------|------------------------|---------------|----------------|--|----------------------|----------------------|-------------------|---|-----------------------|
| CEILING FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥217 | ≥2 | ≥1% | ≥1¼ | ≥۱ | ≥ 14 | ≥,• | ≥% | ≥5/16 | ≥ . | ≥0 |
| NO CEILING ≥ 20000 | 23.0 | 41.8 | 47.1 | 51.7 | 53.4 | 55.4 58.8 | 50 • 2 | 56.6 59.5 | 56.8 | 56.9 | 57.0 | 57.1 | 57. | 57. | 57.2 | 57•3 |
| ≥ 18000 ≥ 16000 | 24.2 | 45 • () 45 • 1 | 50.8 50.9 | 54,9 55.0 | 57.4 57.4 | 59.3 59.4 | 60.1 | 60.4 | 60. | 60.8 | 61.0 | 61. | 61. | 61. | 61. | 61. |
| ≥ 14000 ≥ 12000 | 24.4 | 45.9 | 52.2 53.7 | 56.4 58.1 | 59 • (60 • 1 | 62.9 | 62.0 -63. | 62.3 | 62.6 -64.3 | 62. | 62.4 | 63.0 | 63.0 | 63.(| 64. | 63•7 |
| ≥ 10000 ≥ 9000 | 26.0 | 50.7 50.4 | 57.3 57.3 | 62.0 | 65 • (65 • 2 | 67.4 | 68.6 | 69.0 | 68.9 | 69.0 | 69.6 | 69•3 | 69. | 69. 69. 73. | 69.6 | 69•7 -70•9 73•3 |
| ≥ 8000 ≥ 7000 | 26.6 26.8 | 53.5 | 60.1 | | 68.1 | 70.8 | 71.9 | 72.3 | 74.5 | 72 - 74 - 74 - | 72.9 74.7 75.1 | 73.0 74.0 75.0 | 73.1 74.1 75.1 | 74. | 75.4 | 75.0 |
| ≥ 6000 ≥ 5000 | 26.8 | 55.1 | 63.0 | | 70.2 | 72.5 74.6 | 74. | 74.6 75. | 74.1 75.9 | 76. 77. | 76.2 | 76. 77. | 76+ | 76- | 76.4 | 76-7 |
| ≥ 4500 ≥ 4000 ≥ 3500 | 27.3 | 57.6 | 63. 65. | 68.8 70.9 | | 77.7 | 76 • | 79. 80 | 79 81 | 79. | 80.0 | 80 81 | 80. 81. | 80- | 80. 81. | 80.4 81.8 |
| ≥ 3500 ≥ 3000 ≥ 2500 | 28.2 29.1 29.9 | 60.4 | t | 74. | 77.9 | | 82. | 83. | 83. 86. | 83. | 86. | | 84- | | | 84 • 3 87 • 1 |
| ≥ 2000 | 30.4 | 63.9 | | 78. | 82. | 85.3 | 87. | 88. | 88. | 88. | 89.0 | 89. | 89. | | | 89.7 |
| ≥ 1500 | 31.3 | 66.3 | 75. | 1_Blas | 85. | 90.0 | 4 | 93. | 91. | 94. | 94. | 92. | 92. | 4 94. | 94. | 94.8 |
| ≥ 1000 | 31.6 | 67.6 | 77. | 2 83.0 | 88. | 91. | 93. | 94. | 95. | 95. | 3 95.6 | 7 '- ' | 95. | 3 95 • 95 • | 95. | |
| ≥ 800 | 31.6 | 67.9 | 77. | 4 84 . | | | 94. | 96. | 96. | 96. | 2 96 · · · · · · · · · · · · · · · · · · | 97. | 96. 1 97. | 97. | · , · . · . · . · . · . · . · . · . · . | 96.9 3 97.4 |
| ≥ 500 ≥ 400 | 31.0 | 6 67.9 | 77. | 7 84. | | 92. | 7 95. | 0 96 • 0 96 • 0 97 • 0 | 97. | 97. 2 97. | | | 9 97. | 7 | 9 98. | 98.3 |
| ≥ 300 ≥ 200 | 31. | 6 67. | 9 77. | | 2 89 . 2 89 . | 92. | 4-2-3-8 | | 98. | 98. | 4 98. | 4 | 7 | 9 98. | 9 99. | 7 |
| ≥ 100 ≥ 0 | 31.0 | | 9 77. | | | 92. | | | 7 | ~ · | 6 98. | 999 | 0 99. | 0 99. | | 6100 • 6 |

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC 101 64 0+14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSORE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

C:

CEILING VERSUS VISIBILITY

13812 RICKENRACKER AFB UH

67-70,73-78

____SEP_

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200=1400

| CEILING | | | | | | | VIS | IBILITY (ST | ATUTE MIL | ES) | | | · | | | |
|----------------------------|----------------------|--------------|--------------|----------------------|------------------|--------------|--------------|--------------|------------------|--------------|----------------------|-----------------------------|----------------------|---------------|--------------|--------------|
| FEE1 | ≥10 | ≥6 | ≥5 | ≥ 4 | ≥3 | ≥2⅓ | ≥2 | ≥1½ | ≥1% | ≥1 | ≥ 1, | ≥ % | ≥ 1/2 | ≥ 5/16 | ≥ ′. | ≥0 |
| NO CEILING ≥ 20000 | 33.8 37.0 | 45.0 50.6 | 46.9 52.6 | 48.3 54.1 | 49.3 | 49.9 55.8 | 49.9 55.8 | 49.9 55.8 | 49.9 55.8 | | 49.9 55.8 | 49.9 | | 49.9 55.8 | 49.9 55.8 | 49.9 |
| ≥ 18000 ≥ 16000 | 37.3 37.4 | 51.2 51.4 | 53.2 53.4 | 54.8 55.0 | 55.9 56.1 | 56.4 56.7 | 56.4 56.7 | 56.4 56.7 | 56.4 56.7 | 56.4 56.7 | 56.4 56.7 | 56.4 56.7 | 56.4 56.7 | 56.4 56.7 | 56.4 56.7 | 56.4 56.7 |
| ≥ 14000 ≥ 12000 | 38.0 38.6 | 53.1 54.4 | 55.1 56.6 | 56.9 58.3 | 58.0 59.6 | 58.6 60.1 | 58.6 '1 | 58.6 60.1 | 58 • 6 60 • 1 | 58.6 60.1 | 58.6 | 58.6 60.1 | 58.6 | 58.6 | 58,6 60.1 | 58.6 |
| ≥ 10000 ≥ 9000 | 40.7 | 57.8 58.9 | 61.1 | 62.1 | 64.4 | 65.0 | 63.9 | 65.0 | 63.9 65.0 | 65.0 | 63.9 | 63.9 65.0 | 63.9 65.0 | 63.9 _65.0 | | 63.9 |
| ≥ 8000 ≥ 7000 | 42.2 | 62.2 | 65.2 | 65.7 67.8 | 69.1 | 67.6 69.8 | 70.0 | 67.8 70.0 | 67.8 70.0 | 70.0 | 70.q | 67.8 | 70.0 | 70.0 | 70.0 | 67.8 |
| ≥ 6000 ≥ 5000 | 43.7 | 63.4 | 66.4 | 69.0 | 70.4 | 70.7 | 71.4 | | 70.9 71.4 | 71.4 | 70.9 | 70.9 71.4 | 71.4 | 71.4 | 70.9 | 70.9 |
| ≥ 4500 ≥ 4000 | 44.4 46.0 47.2 | 64.4 68.9 | 72.0 | 70.3 74.9 78.7 | 71.9 | 72.8 | 77.9 | | 73.1 77.9 | | 73.1 | 73•1 77•9 | | _7.7.9 | 77.9 | 73.1 |
| ≥ 3500 ≥ 3000 ≥ 2500 | 49.9 | 77.1 78.8 | 75.8 80.8 | | 80 • 3 85 • 8 | | 81.8 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 81.8 |
| ≥ 2000 | 51.8 52.6 | 81.9 | 86.0 | 89.2 | | | 93.9 | 94.1 | 90.4 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 90.4 | 90.4 |
| ≥ 1500 | 52.7 52.9 | 83.8 | | 91.2 | 93.8 | 95.1 | 96.0 | | | 96.2 | 94.9 96.2 97.7 | 94.9 <u>96.2</u> 97.7 | 94.9 96.2 97.7 | 26.2 | 94.9 | 94.9 |
| ≥ 1000 | 52.9 | 84.3 | 88.9 | 92.3 | 95.4 | 97.1 | 98.0 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 800 | 52.9 | 84.9 | | 93.1 | 96.2 | 97.9 | | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.6 |
| ≥ 600 | 52.9 | 85.1 | 89.9 | 93.4 | 96.7 | | 99.3 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 ≥ 300 | 52.9 52.9 | 85.2 | | | 96.8 | 98.4 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 52.9 52.9 | 85.2 85.2 | | | 96.8 | 98.4 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.d | Lonad |
| ≥ 0 | 52.9 | 85.2 | 90.0 | 93.6 | 96.0 | | | | | | 100.0 | | | | | |

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC MI AL 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLET

GLOBAL CLIMATULOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

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CEILING VERSUS VISIBILITY

13812 RICKENDACKER AFB UH

47-70-73-78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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-1500-1700

| CEILING | | | | | | | VIS | IBILITY (STA | IUTE MIL | ES) | | | | , | | |
|----------------------------|--------------|------------------|--------------|--------------|------------------|----------------------|-------------------|--------------|----------------------|----------------------|--------------|-------------|--------------|--------------|--------------|------------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥ 4 | ≥3 | ≥2⅓ | ≥ 2 | ≥1½ | ≥1¼ | ≥1 | ≥ 1, | ≥ ⅓, | ≥% | ≥ 5′16 | ≥,• | ≥0 |
| NO CEILING ≥ 20000 | 36.3 | 47.6 | 50.0 | 51.8 | 52.4 57.4 | 52.6 57. | 52.8 | 52.8 57.9 | 52.8 57.9 | 52.8 57.9 | | 52 · 57 · 9 | 52.1 57.5 | 52.6 57.6 | 52.6 57.9 | 52.4 57.5 |
| ≥ 18000 ≥ 16000 | 39.4 | 52.8 53.2 | 55.6 56.0 | 57.3 57.8 | 58.0 58.4 | 58.7 58.7 | 58.4 58.5 | 58.4 58.9 | 58.4 | 58.4 58.9 | 58.4 58.4 | 58.4 | 58.4 | 58.4 58.4 | 58.4 58.4 | 58• |
| ≥ 14000 ≥ 12000 | 40.9 | 54 . 8 56 . 6 | 57.6 59.6 | 59.6 | 60,3 | 60.6 | 60.6 | 62.9 | 60.6 | 62.5 | | 60.0 | 62.5 | 62.5 | 60.6 | 62. |
| ≥ 10000 ≥ 9000 | 44. | 60.8 | 63.9 | 67.0 | 67.0 | 67.2 68.0 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 68. | 67.4 | 68. | 67.4 |
| ≥ 8000 ≥ 7000 | 46. 48. | 63.7 66.0 | 67.0 | 72.1 | 70 • 1 72 • 9 | 70 • 2 - 73 • 1 | 70.6 | 70.6 | 70.6 | 73.3 | 73. | 70.0 | 70.0 | 73+ | 73. | 73. |
| ≥ 6000 ≥ 5000 | 48. | 67.3 | 70.2 71.7 | 72.6 | 73.7 | 73.9 | 74.1 75.0 | 74.1 75.0 | 74.1 | 74.1 | 74.1 75.0 | 74.1 | 74. | 74. | 74. | 74.1 |
| ≥ 4560 ≥ 4000 | 49.1 51.2 | 72.5 | | 79.9 | 81.4 | 77.1 81.8 | 77. | 77.3 82.2 | 77•: | 77.3 87.3 | 77.3 | 77.3 | 77. B2. | 77. 82. | 77. | 77•: |
| ≥ 3500 ≥ 3000 | 53.4 55.3 | 80.2 | 81.3 85. | 84. | 89.9 | 86 • 3 -90 • 2 | 85.8 | 90-7 | 90. | 90.1 | 90.8 | 90-1 | 90. | 90.1 | 90. 93. | 90- |
| ≥ 2500 ≥ 2000 | 56. | 83.3 | 86.6 | 91.0 | 93.6 | 92 • 3 94 • 1 | 92.8 | 92.9 | 92.9 | 93.0 95.0 95.0 | 95.0 | 93.0 | 93.0 95.0 | 95 | 95. | 93.0 95.0 |
| ≥ 1800 ≥ 1500 ≥ 1200 | 57. 57. | 84.6 | 89.5 | 93. | 95.2 | 94.8 | | 95.6 | 95.6 96.1 97.1 | 96.9 | | 95. 96.9 | 96. | 96. | 96.4 | 96-9 |
| ≥ 1200 ≥ 1000 ≥ 900 | 57.4 57.4 | 85.1 | 90.0 | 93.5 | 95.0 96.3 | 96.7 97.7 97.8 | 97. 97. 98. | 97.8 98.3 | 98. | 98. | 98.6 | 98. | 99 | 98 | 98 99 | 98. |
| ≥ 800 ≥ 700 | 57. 57. | 1 85.6 | 21. | 94.0 | | 98.3 | 98 98 | 99.3 | 99 | 99 | 99.7 | 99. | 100 | 99. | 1 11. | -99.4 |
| ž 600 ž 500 | 57. | 185,7 | 910 | 94. | 97.3 | 98.5 | 98 | 99.4 | 99 | 99.1 | 90.8 | 92.0 | 100- | 100. | 100- | 100- |
| ≥ 400 | 57. 57. | 85.7 | 91. | 94. | 97.3 | 98. | 98.9 | 99.4 | 99 | 99.1 | 99. | 99.0 | 100 | d100- | 100. | 100+ |
| ≥ 100 | 57. 57. | 7 85.7 | 91. | 94. | 97.3 | 98. | 9# .9 | 99.4 | 99. | 99.1 | 79. | 1 | 100 | 100. | 100. | |
| 2 0 | 57. | 7 85.7 | 91. | 94. | 1 97.2 | 98. | 9 50 | 99.4 | 99. | 99.1 | 99. | 99. | 4100+ | d100+ | d100+ | 1100+ |

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC NI 64 0-14-5 (OL A) MENIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIHATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13812 RICKENBACKER AFB UH

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67-70,73-78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_1800-2000

| CEILING | | | | - | | | VIS | BILITY (ST. | ATUTE MILI | ES) | | | | | | |
|-------------------------|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|------------------|--------------|--------------|----------------|--------------|------------------|
| 1881 | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥272 | ≥2 | ≥11/2 | ≥1% | ≥1 | ≥ 1,4 | ≥ ⅓. | ≥ '> | ≥ 5′16 | ≥. | ≥0 |
| NO CEILING ≥ 20000 | 41.0 44.1 | 52.7 57.6 | 54.6 59.9 | 56.0 51.8 | 57.6 63.4 | 57.7 63.6 | 58.2 | 58.2 64.1 | 58.2 64.1 | 58.2 64.1 | 58.2 64.1 | 58.7 | 58.2 | 58.2 64.1 | 58.2 64.1 | 58•2 64•1 |
| ≥ 18000 ≥ 16000 | 44.7 | 58.2 58.6 | 60.4 60.9 | 62.4 62.5 | 64.4 | 64.2 | 64.8 | 64.8 65.1 | 64.8 | 64.8 65.1 | 64.8 | 64.8 | 64.8 | 64.8 65.1 | 64.8 | 64 • 4 65 • 1 |
| ≥ 14000 ≥ 12000 | 46.6 | 61.7 | 62.6 | 64.7 | 66.6 | 66.7 68.7 | 67.2 | 67.2 | 67.2 69.2 | 67.2 | 67.2 69.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67•2 69•2 |
| ≥ 10000 ≥ 9000 | 48.0 48.2 | | | 70.3 | 72.6 | 73.4 | 73.2 | 73.2 74.0 | 73.2 | 73.2 74.0 | 73.2 74.0 | 73.2 | 73.2 | 73.2 74.0 | 73.2 | 73.2 |
| ≥ 8000 ≥ 7000 | 49.8 50.4 | 69.0 | 72.8 | 74.0 | 76.2 77.9 | 76.3 78.0 | 77.0 78.7 | 77.0 78.8 | 77.0 78.8 | 78.8 | 77.0 78.8 | 77.0 | 77.0 78.8 | 78.8 | 77.0 78.8 | 77.0 78.5 |
| ≥ 6000 ≥ 5000 | 50.9 | 70.9 | 74.7 | 75.9 | 78 • 8 80 • 1 | 78.9 80.2 | 79.6 80.9 | 79.7 81.0 | 79.7 81.0 | 79.7 81.0 | 79.7 81.0 | 79.7 81.0 | 79.7 81.0 | 81.0 | 79.7 81.0 | 79.7 |
| ≥ 4500 ≥ 4000 | 52.2 52.9 | 73.8 | | 79.2 80.8 | 82.3 | 82.4 | 83.3 | 83.4 85.4 | 83.4 85.4 | 85.4 | 83.4 85.4 | 83.4 85.4 | 83.4 85.4 | 83.4 85.4 | 83.4 85.4 | 83.4 |
| ≥ 3500 ≥ 3000 | 54.6 55.1 | 76.8 78.6 | 82.7 | 84.1 | 88 • 2 90 • 4 | 90.6 | 87.3 91.6 | 89.4 91.7 | 89.4 91.7 | 89.4 91.8 | 89.4 91.8 | 89.4 91.8 | 89.4 91.6 | 89.4 91.8 | 89.4 91.8 | 89.4 91.8 |
| ≥ 2500 ≥ 2000 | 55.7 56.3 | 79.7 80.9 | | 87.7 89.0 | 92 • 1 93 • 6 | 92.3 | 93.3 94.8 | 93.4 | 93.4 | | 93.0 | 93.6 95.0 | 93.6 95.0 | _95a'. | 93.6 | 93.6 95.0 |
| ≥ 1800 ≥ 1500 | 56.3 56.6 | 81.8 | | 90.0 | | 94.2 | 95.2 96.0 | 95.4 | 95.4 | 95.6 96.6 | 96.6 | 95.6 | 26.6 | 96.6 | 75.6 96.0 | 95.6 |
| ≥ 1200 ≥ 1000 | 56.9 56.9 | | 87.3 | 90.9 | 96.2 | | | 97•8 98•1 | 97.9 98.2 | 98.1 98.6 | 98 • 2 98 • 8 | 98•2 98•8 | 98.2 98.8 | 98.2 98.8 | 98.8 | 98•2 90•6 |
| ≥ 900 ≥ 800 | 57.1 57.1 | 83.2 | 87.7 87.9 | 91.6 | 97.3 | 97.6 | | 98.6 98.9 | | 99.0 99.3 | 99.2 99.6 | 99•2 99•6 | 99.6 | 99.6 | 99.2 99.6 | 99.2 |
| 2 700 ≥ 600 | 57.1 57.1 | 83.4 | 87.9 87.9 | 91.9 91.9 | | 97.6 97.8 | 98.6 98.8 | 98.9 99.1 | 99.0 99.2 | 99,3 99,6 | 99.6 | 99.6 99.8 | 99.8 | 99.8 | 99.6 | |
| ≥ 500 ≥ 400 ≥ 300 | 57.1 57.1 | 83,4 83.4 | 87.9 87.9 | | 97.8 97.8 | | 99.0 99.0 | 99.3 99.3 | 99.4 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 100.0 | 100.0 | 100.0 |
| ≥ 200 ≥ 100 | 57.1 57.1 | 83.4 | 87.9 87.9 | 1 | 97.8 | 98.0 | | 99.3 | 99.4 | 99.8 | 100-0 | 100.0 | 100.0 | 100.0 100.0 | 100-0 | 100.0 |
| ≥ 0 | 57.1 | 83.4 | 87.9 | 91.9 | 97.8 | 98.0 | 99.0 | | | | | | | 100.0 100.0 | | |

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC NIGH 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM AM OBSO

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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CEILING VERSUS VISIBILITY

13812 RICKENGACKER AFB UH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_570045300

| CEIUNG | | | | | | | VIS | BILITY (ST | ATUTE MILI | ES) | | | | | | |
|-----------------------|--------------|------------------|--------------|--------------|------------------|--------------|------|--------------|------------------|------|---------------|---------------|------|-------------|---------------|----------------------------|
| I FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2⅓ | ≥ 2 | ≥1% | ≥1% | ≥1 | ≥ 3,, | ≥'• | ≥ ზ | ≥ 5/16 | ≥'• | ≥0 |
| NO CEILING ≥ 20000 | 42.2 | 57.3 | 59.3 63.9 | 60.7 | 63.1 | 63.6 | 63.8 | 63.8 | 63.8 | 68. | 63.9 | 63.9 -68.4 | 63.5 | 63.9 | 63.9 -68. | 63. |
| ≥ 18000 ≥ 16000 | 45.3 45.7 | 61.9 | 64.0 | 65.4 | 67.9 | 68.2 | 68.6 | 68.6 | 69.6 | 68.6 | 68 - | 68. | 69. | 68 • 1 | 68. | 68.7 |
| ≥ 14000 ≥ 12000 | 46.7 | 63.3 | 67.7 | 67.0 | 69.4 71.4 | 69.9 | | 70 • 1 | 70 • 1 72 • 1 | 70.1 | 70 - 2 | 70.7 | 70.7 | 70 • 2 | 70 • - 72 • • | 70•7 |
| ≥ 10000 ≥ 9000 | 50.6 50.8 | 69.4 | 72.3 | 74.1 | 76.8 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.8 | 77.8 | 77. | 77.8 | 78. | 77.0 |
| ≥ 8000 ≥ 7000 | 52.0 52.0 | 72.5 73.7 | 75.6 76.7 | 77.6 | 80 • 7 81 • 4 | 80.8 | 81.1 | 81.1 | 81.1 82.3 | 81.1 | 81.2 | 81.7 | 81.7 | 82.4 | 81.2 | 82.4 |
| ≥ 6000 ≥ 5000 | 52.6 53.0 | 73.7 | 76.7 | 78.9 80.4 | 81.8 83.3 | 82.3 83.5 | 82.7 | 82.7 84.7 | 82.7 | 82. | 82.8 -84.: | 84.3 | 84. | 84. | 84.3 | 82.4 |
| ≥ 4500 ≥ 4000 | 53.9 54.7 | 76 • 1 77 • 2 | 79.4 80.7 | 82.0 | 84.9 | 85.4 | | 87.4 | 85.6 | 85.8 | 87. | 85 ° | 85.9 | 85.9 | 85.9 | 55•9 - 87• € |
| ≥ 3500 ≥ 3000 | 55.8 56.2 | 79 • 2 80 • 1 | 82.5 | 87.2 | 90.1 | 89.9 91.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.6 | 92.1 | 92. | 92-1 | 92-1 | 92.1 |
| ≥ 2500 ≥ 2000 | 56.4 | 81 • 1 82 • 7 | 85.1 86.9 | 90.4 | 94.4 | 95.0 | 93.7 | 93.8 | 93.8 | 93.4 | 93.9 | 95.5 | 93.9 | 93.9 | 95. | 93•4 |
| ≥ 1800 ≥ 15(x) | 57.0 57.6 | 42.8 83.6 | | 91.6 | 94 • (| 95.1 96.2 | 95.7 | 95.8 | 95.8 | 95.4 | 97. | 97+1 | 97. | 95.9 | 97.1 | 95•4 |
| ≥ 1200 | 57.7 57.9 | 84 • 2 85 • 1 | 88.8 | 92.3 93.2 | 96.3 | 97.1 | 97.6 | 97.9 | 90.6 | 98-1 | 98+9 | 98.0 | 98.0 | -88-9 | 78.9 | 98.4 |
| ≥ 900 ≥ 800 | 58.2 58.2 | 85.1 | 20.6 | | 97.7 | 98.4 | 99.1 | 99.5 | | 99. | 48.28.24 | 100-0 | 100- | 7 | 100-0 | 100-0 |
| ≥ 700 ≥ 600 | 58.3 58.3 | 85.8 | 90.6 | 94.2 | 98.2 | 99.0 | 29. | 99.9 | 99.9 | 99.9 | | 1100.0 | 100- | 100-0 | 1 | 100-0 |
| ≥ 500 ≥ 400 | 58.3 58.3 | 85.8 85.8 | 90.6 | 94.2 | 98.2 | 99.0 | 99. | 99.9 | 99.9 | 99.0 | 100-0 | 100-0 | 100- | 100-0 | 100-0 | 100.0 |
| ≥ 300 ≥ 200 | 58.3 58.3 | 85.8 | 90.6 | 94.2 | 98.2 98.2 | 99.0 | 99. | 99.9 | 99.5 | 99.9 | 100- | 100-0 | 100- | 100- | 100-0 | 100-0 |
| ≥ 100 ≥ 0 | 58.3 | 85.8 85.8 | 1 | 94.7 | 98.2 | 99.0 | 1 | 99.9 | | | | | | | | 100 • 0 |

TOTAL NUMBER OF OBSERVATIONS

90

USAF ETAC 10104 0-14-5 (OL A) metrious contions of this form and obsolet

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13812

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RICKENBACKER AFB OH

7-70,73-76

<u>"SEP</u>

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-45 A

| CEILING | | | | | | | VISI | BILITY ISTA | ATUTE MILI | ES) | | | | | | |
|----------------------------|--------------|--------------|--------------|--------------|--------------|----------------------|--------------|--------------|----------------------|----------------------|----------------------|--------------|--------------|--------------|---------------|-------------------|
| HEI | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥21⁄2 | ≥2 | ≥1% | ≥14 | ≥, | ≥ 1, | ` ≥'• | 2% | ≥5 16 | ≥ . | ≥0 |
| NO CEILING ≥ 20000 | 32.1 | 47.0 | | 52.4 55.9 | 54 • £ | 55.6 59.3 | 50.6 60.4 | 57.1 60.8 | 57.2 61.0 | 57.5 61.3 | 57.8 61.6 | 57.8 61.7 | 58.1 61.9 | 58.2 62.1 | 58.5 _62.4 | 59•1 1•20 |
| ≥ 18000 ≥ 16000 | 34.2 | 50.6 50.9 | | 56.4 56.7 | 58.9 59.2 | 59.8 60.1 | 60.8 | 61.3 | 61.5 | 61.8 | 62.4 | 62.2 62.4 | 62.7 | 62.6 | 62.9 | 63.5 |
| ≥ 14000 ≥ 12000 | 35.0 35.8 | | 55.6 57.3 | 58.2 | 62.5 | 61.6 63.6 | 62.7 | 63.2 | 63.4 65.3 | 63.7 65.6 | 65.9 | 64.0 66.0 | 66.3 | 66.4 | 64.8 | 65.4 _67.3 |
| ≥ 10000 ≥ 9000 | 37.7 37.9 | 57.5 | 1 | 64.4 | 67.3 | 67.8 68.3 | 69.0 | | 69.7 70.2 | 70.1 70.5 | 70.3 70.0 | 70.4 | 71.2 | 71-3 | _71,7 | 71. |
| ≥ 8000 ≥ 7000 | 39.2 39.9 | 61.1 | 35.6 | | 71.6 | 71.2 | | 72.9 | 73.2 | | ~~* ~~ | 75.6 | 75.5 | 74.3 | 74.6 | _7.7. |
| ≥ 6000 ≥ 5000 | 40.7 | 62.7 | 67.3 | 70.6 | 73.9 | 73.7 75.0 | 76.4 | 75.5 76.9 | | 76.0 77.5 | 77.4 | 77.9 | 78. | 78.3 | 78.7 | 79.3 |
| ≥ 4500 ≥ 4000 | 41.3 | | 70.9 | 74.5 | 78.2 | 76.5 | 80.9 | | 78.9 81.8 | 79.2 82.1 84.7 | 79.6 82.5 85.0 | 82.5 | 82.1 | 82.9 | 83.3 85.9 | 81 • 0 -83 • 9 |
| ≥ 3500 ≥ 3000 | 44.3 | 70. | 75.3 | 76.8 79.3 | 83.2 | 81.9 94.6 86.3 | 80.1 | 86.0 | 84.3 87.1 88.9 | 87.4 | 87.8 | 87.5 | 88. | 88.3 | 88.6 | 89. 91. |
| ≥ 2500 ≥ 2000 | 45.2 | 1 ' • • • | | 82.5 82.8 | 86.9 | 88.4 | 90.0 | 90.8 | 91.0 | 91.5 | 91.48 | 91.0 | 92.4 | 92.2 | 92.7 | 93 |
| ≥ 1800 ≥ 1500 ≥ 1200 | 45.8 | 73.8 | 79.8 | 84.1 | 88.0 | 90.1 | 71.8 | 92.6 | 92.9 | 93.3 | 93.7 | 93.8 | 244 | 94.2 | 24.6 | 95. |
| ≥ 1000 ≥ 1000 | 46.0 | 1 ' - | 81.0 | 85.5 | 90.3 | 92.1 | 93.9 | 94.9 | 95.1 | 95.6 | 96.0 | 96.1 | 96.4 | 96.5 | 96.9 | 97. |
| ≥ 800 | 46.2 | 75.4 | 81.7 | 86.3 | 91.4 | 93.1 | 95.0 | 96.0 | 96.3 | 96.8 | 97.2 | 97. | 97.0 | 97.5 | 28,1 | 98a 99• |
| ≥ 600 ≥ 500 | 46.2 | 75.5 | 81.8 | 86.4 | | 93.4 | 95.3 | 26.4 | | 97.2 | 97.8 | 97.9 | | 98.4 | , | |
| ≥ 400 | 46.2 | 75 • : | 1 - T - | | | 93.5 | 95.5 | 96.7 | 97. 97.1 | | 98.0 | 98. | 98. | 98.6 | 99.0 | 99. |
| > 200 | 46.2 | T | | 86.4 | 91.7 | 93.5 | 95.6 | 96.8 | 97.1 | 97.7 | 98.1 | 98.2 | 98. | 98.6 | 99.1 | 1_ 1 |
| ≥ 0 | 46.2 | 75.5 | 81.6 | 86.4 | 91.7 | 93.5 | 95.6 | 76.8 | 97. | 97.7 | 1 96 1 | 98.7 | 21.98. | 98.6 | 92. | ULODA! |

TOTAL NUMBER OF OBSERVATIONS

7200

USAF ETAC NI 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BPANCH USAFFTAC AIR WEATHER SERVICE/MAC

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0,000,50200

| CEILING | | | | | | | VIS | IBILITY (ST | ATUTE MILI | ES) | | | | | | |
|-----------------------|---------------|------------------|---------------------------|--------------|------|---------------|---------------|-------------|--------------|---------------------|-------------------|--------------|--------------|------------------|---------------|---------------------------|
| FEET | ≥10 | ≥6 | ≥.5 | ≥ 4 | ≥3 | ≥2'> | ≥? | ≥1½ | ≥1% | ≥1 | 5 ,⁴ | 5,∗ | ≥ '> | ≥5 16 | ≥. | ≥0 |
| NO CEILING ≥ 20000 | 42.3 | 56.2 58.3 | 57• 59• | 58.0 | 58. | 58.6 | 58•9 | 59.1 | 59. | 59. | 59.0 | 59. | 60. | 60. | 60. | 60. |
| ≥ 18070 ≥ 16000 | 43.8 | 58.5 59.6 | 59.4 60.4 | 60.7 | 61.0 | 61.1 | 61. | 61. | 61. | 61. | 61.0 | 61. | 62. | 62 | 62. | 63.0 |
| ≥ 14000 ≥ 12000 | 44.9 | 62.5 | 61.5 | 64. | 63. | 63.2 | 65. | 63. | 63. | 63.5 | 64.0 | 64. | 64.0 | 64.8 | 64. | 65 |
| ≥ 10000 ≥ 9000 | 48.7 | 64.7 | 65 • 8 -6 6 • 3 | 66.5 | 67.7 | 67.8 | 68.1 | 68.3 | 68.4 | 68.6 | 68. | 68.8 | 69.4 | 69.6 | 70.0 | |
| ≥ 8000 ≥ 7000 | 50.6 _F •2 | 68.0 | | 69.7 70.0 | 70.2 | 70.3 -71.1 | 70.5 | 70.8 | 70.4 | 71.2 | 71.2 | 71.4 | 71.9 | 72.2 | 72. | 72.3 |
| ≥ 6000 | 53.2 25.2 | 71.0 74.4 | 72.0 | 73.2 | 74.3 | 74.4 | 74.6 | 74.8 | 74.9 | 75.3 | 75.4 | 75. | 7. (-80. | 76 • 2 | 76.2 | 76 • 9 |
| ≥ 4500 ≥ 4000 | 56.3 58.3 | 75.7 78.4 | 77.2 | 78.9 81.7 | 80.) | 80.2 | 80.4 83.5 | 80.6 | 80.8 83.9 | 81.1 -84.2 | 81.7 | 81.3 | 81.6 | 82.0 | 82.0 | 82.4 |
| ≥ 3500 ≥ 3000 | 59.9 60.3 | 80 • 4 81 • 8 | 82.0 | 83.8 85.2 | 85.2 | 85.5 | 85.7 _88.0 | 85.9 | 88-3 | 88+6 | 86 • 5 _88 • 7 | 86.6 | 87.1 | 87.3 | 87.3 | 87.0 |
| ≥ 2500 ≥ 2000 | 61.1 | 83.5 | 85.2 _86.0 | | 88.6 | 90.1 | 89.7 | 89.5 | 91.0 | 90.3 | 90 • 4 | 90.5 | 91.1 | 91 • 3 92 • 3 | 91. | 91.6 |
| ≥ 1800 | 61.6 | 85.2 | 86.2 | 88.1 | | 21.4 | 90.9 | | 91.2 | 91.5 | 91.6 | 91.7 | 92.3 | 92. | 92. | 92•8 |
| ≥ 1200 | 62.6 | | , , , , | 90.9 | 91.5 | 92.4 | 94.2 | 93.3 | 93.4 | 93.8 | 93.9 | 94.0 | 94.5 | 94.7 | 94. | 95•1 |
| ≥ 900 ≥ 800 | 62.6 | 87.1 | 89.0 | 91.1 91.4 | 93,3 | 93.8 | 94.9 | 94.8 | 94.9 | 95.3 95.7 | 95.5 95.9 | 95.6 | 96.6 | 96.3 | 96.3 _76.4 | 96.7 |
| ≥ /00 ≥ 600 | 62.7 | 87.3 87.3 | 89.2 | 91.6 | 94.1 | 94.6 | 95.7 | 96.0 | 96.2 | 96.5 | 96.7 | 96.8 96.9 | 97.4 | 97.6 | 97.6 | 97•8 |
| = 500 | 62.7 | 87.5 | 89.5 | 91.8 91.8 | 94.4 | 43.2 | 96.2 | 96.7 | 96.8 | 97.4 | 97.3 | 97.4 | 98 · 1 | 98.3 | 98.4 | 98.7 |
| ≥ 300 ≥ 700 | 62.7 | 87.6 87.6 | 89.6 | 22.2 | | 95.5 | ***** | 9.7.4 | 97.5 | 97.8 <u>97.8</u> | 98.1 | 98.2 | 98.6 | 99.2 | 99.4 | -99.7 |
| 2 100 | 62.7 | 87.6 87.6 | , | 1 | 94.7 | 95.5 | | | 97.5 | 97.8 | 98.1 | 98.2 | 98.5 | 1 ` | 1 : | 99•9 100• 0 |

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC 101.54 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLE

GLOBAL CLIMATHLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13812

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RICKENBACKER AFB UH

<u>79-70، 73-78</u>

<u> "ÜÇı </u>

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0300=0500

| CEILING | | | | | | | VIS | SIBILITY (ST | ATUTE MIL | .ES) | | | | | | |
|-----------------------|--------------|------------------------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|------|--------------|--------------|--------------|--------------|------------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2⅓ | ≥ 2 | ≥1% | ≥1% | ≥1 | ≥ 14 | 5,• | ≥ '7 | ≥5 16 | ≥. | ≥0 |
| NO CEILING ≥ 20000 | 36.3 37.5 | 50.1 51.9 | 51.9 53.8 | | 54 · 8 | 55.1 57.0 | 56.1 58.2 | 56.3 58.4 | 56.5 58.5 | , | | 56.9 | | | 57.3 59.5 | 58•0 |
| ≥ 18000 ≥ 16000 | 37.8 | 52.3 52.5 | 54.1 54.3 | 55.3 55.5 | 57.0 | 57.3 57.5 | 58.5 58.7 | 58.7 | 58.8 | , | 59.4 | 59.4 | 59.7 | 59.7 | 59.6 | 60.4 |
| ≥ 14000 ≥ 12000 | 39.0 | 54.0 54.6 | 55.8 56.6 | | 58.7 59.5 | 59.0 59.8 | 60.2 | 60.4 | 60.5 | 60.6 | 61.0 | 61.1 | 61.4 | 61.4 | 61.5 | |
| ≥ 10000 | 40.6 | 1 1 | 58.9 59.5 | | 62.4 | 62.5 | 64.2 | 63.9 | 64.0 | 64.6 | 64.9 | 64.5 | 64.8 | | 64.9 | 65.6 |
| ≥ 8000 ≥ 7000 | 43.2 | | 62.4 | 63.7 | 65.5 | 65.9 | 67.3 | 67.5 | 67.6 | | 68.2 | 68.3 | 68.6 | | | 69.4 |
| ≥ 6000 ≥ 5000 | 46.0 | | 69.5 | 67.5 | 69.6 | 70.0 | 71.4 | | | 71.5 | 72.3 | 72.4 | 72.7 | | 72.6 | |
| ≥ 4500 ≥ 4000 | 48.8 | 1 | 70.4 72.7 | | 74.2 76.5 | 74.6 | | | 76.3 78.9 | 76.6 | 76.9 | 77.0 | | 77.3 | 77.4 | 78 • 1 80 • 1 |
| ≥ 3500 ≥ 3000 | 51.8 52.3 | | 74.5 | | 78.5 | 79.2 | | | 81.0 | | | 81.6 | 81.9 | 81.9 | | |
| 2500 ≥ 2000 | 53.1 54.1 | 74.9 | 78.6 | | 83.4 | 84.3 | 85.7 88.8 | | 86.0 89.1 | 86.2 | | 86.7 | 87.0 90.1 | 87.0 | 87.1 | 87.8 91.0 |
| ≥ 1800 ≥ 1500 | 54.1 54.2 | 76.8 77.1 | 80.9 | | 86 • 5 87 • 2 | 87.5 88.3 | 89.0 | , | 89.4 | 89.6 | | 90.0 | 90.3 | 90.3 | 90.4 | |
| ≥ 1200 ≥ 1000 | 54.5 54.7 | 77.7 78.0 | 82.0 82.5 | | 88.4 | 89.5 90.3 | 91.0 | 91.3 | 91.4 | 91.6 | | 92.0 | 92.4 | 92.4 | 92.5 | 93.2 |
| ≥ 900 ± 800 | 54.7 54.9 | 78.6 78.9 | | | 90.3 | 91.4 | 93.2 | | 93.7 | 93.9 | 94.3 | 94.4 | 94.7 | 94.7 | 94.0 | 95.6 96.1 |
| ≥ 600 ∴ √00 | 55.2 55.3 | 79 • 1 79 • 2 | 83.8 | | 91.1 91.3 | 92.3 92.6 | 94.2 | | 94.6 | 94.8 | 2 | 95.4 95.7 | 95.7 | 95.7 96.0 | 95.8 96.1 | 96.6 96.9 |
| ≥ 500 ≥ 400 | 55.3 55.4 | 79.5 | | | 91.5 91.6 | 93.0 | 95.2 | 95.6 95.8 | 95.7 95.9 | 95.9 96.1 | 96.3 | 96.5 96.7 | 96.8 | 96.8 | 96.9 | 97.6 |
| ≥ 300 ≥ 200 | 55.5 55.5 | 79.7 | 84.3 84.3 | 87.5 | 91.8 91.8 | 93.4 93.4 | 95.6 | 96•1 96•2 | 96.2 96.3 | 96.5 96.6 | 96.9 | 97.0 97.1 | 97.5 | 97.7 97.8 | 97.8 | 98.8 |
| ≥ 100 ≥ 0 | 55.5 55.5 | 79 .7 79 .7 | | | 91.8 91.8 | 93.4 93.4 | 95.7 95.7 | 96.2 96.2 | 96.3 96.3 | 96.6 96.6 | | 4 | 97.7 97.7 | 98.0 98.0 | | 1 |

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

GLUBAL CLIMATULUGY BRANCH USAFFTAC AIR PEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-060030800

| CFILING | | | | | , | | VIS | BILITY (ST | ATUTE MILE | . 51 | | | | | | |
|----------------------------|----------------------|--------------|--------------|--------------|----------------------|--------------|----------------------|-----------------------|----------------------|----------------------|--------------|------------------|--------------|----------------------|--------------|-----------------------|
| PEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2⅓ | ≥: | ≥1½ | ≥1% | ≥1 | ≥ 1, | ≥′• | 손가 | ≥ 5/16 | ≥ ′• | γ≤ |
| NO CEILING ≥ 20000 | 22.3 | 39.8 41.5 | 42.5 | 44.8 | 47.2 | 47.0 50.0 | 49.2 | 50.¢ | 51.1 53.7 | 51. | 52.2 | 52.° 55. | 52. 55. | 52.8 55. | 53. | 53.9 |
| ≥ 18000 ≥ 16000 | 23.7 | 42.5 | 45.2 45.7 | 47.5 | 50 • 3 51 • 1 | 50.8 51.9 | 52.0 53.3 | 54.1 54.8 | 54.5 55.3 | 55.3 56.0 | 55. | 56.0 -56.8 | 56.4 57.1 | 56.6 -57. | 57. | 57.6 |
| ≥ 14000 ≥ 12000 | 24.5 | 43.6 | 46.4 | 49.1 50.0 | 51.4 52.4 | 52.4 53.7 | 54.2 | 55.1 _56.0 | 56.1 57.0 | 56.9 57.8 | 57.3 58. | 57.1 58.5 | 58.0 | 58. 59. | 58. -59. | 59.4 60.2 |
| ≥ 10000 ≥ 9000 | 25.6 25.9 | 46.6 | | 51,9 52,4 | 55.4 | 55.4 55.6 | 57.3 57.8 | 58.8 | 59.3 | 60.0 | 60.5 | 60.6 | 61. | 61. | 61. | 62.5 |
| ≥ 8000 ≥ 7000 | 26.0 | 48.8 | | 56.0 | 57.4 | 58.3 59.8 | 60.5 | 62.0 | 62.4 | 63.1 | 63.0 | 63.9 | 64.2 | 64.4 | 65.0 | 67.7 |
| ≥ 6000 ≥ 5000 | 28.1 30.6 | 51.7 54.8 | 55.0 58.1 | 58.0 61.5 | 61.3 | 61.7 | 67.6 | 65.6 | 66 • 1 -70 • 2 | 70.9 | 67.2 | 67.6 | 72.0 | 72.2 | 68.d | 73.5 |
| ≥ 4500 ≥ 4000 ≥ 3500 | 31.8 33.3 34.9 | 57.0 59.1 | 63.0 | 66.6 | 67.5 70.5 | 08.3 71.0 | 70.6 73.5 | _75.5 | 73.2 | 73.9 76.7 79.2 | 74.4 | 74.7 | 75.0 | 78.0 | 75.6 | 79. |
| ≥ 3000 | 35.1 35.9 | 60.8 62.4 | 65.3 67.3 | 71.2 | 72.8 75.3 76.8 | 76.0 | | 78.1 -80.8 82.5 | 78.6 81.3 83.0 | 82.0 | 79.7 82.4 | 80 • 1 82 • 5 | 80.4 | 80.6 83.7 85.0 | 83.4 | 81.9 |
| ≥ 2000 | 36.0 36.0 | 64.2 | 69.5 | 73.6 | 78.4 78.6 | 79.3 | 80.3 82.0 82.1 | 84.4 84.4 | 84.8 | 85.6 85.6 | 95.9 86.0 | 86.7 86.3 | 86.5 | 86. | 87.1 87.4 | 86•3 -88•0 88•1 |
| ≥ 1500 | 36.0 36.2 | 64.7 | 70.2 71.0 | 74.5 75.6 | 79.6 | | 83.2 | 85.5 86.7 | 85.9 87.4 | 86.6 88.1 | 67.1 88.0 | 17.4 | 87.7 | 87.9 | 88.5 | 89.2 90.7 |
| ≥ 1000 | 36.2 | 65.8 66.1 | | 76.8 | 82.8 | 83.1 | 85.9 86.5 | 88 · 1 | 88.8 | 89.5 90.2 | 90.0 | 90.3 | 90.6 | 90+8 | 91.4 | 92.8 92.8 |
| ≥ 800 | 36.4 36.5 | 66.4 | 72.5 | 77.7 | 83.4 | 84.9 | | 90.2 | 90.8 | 91.6 | 92.0 | 92.3 | 93.6 | 92.9 | 93.4 | 95.2 |
| ≥ 500 | 36.5 36.5 | 66.4 | 72.8 | 78.7 | 84.5 | 86.5 | 90.1 | 91.7 | 92.3 | 93.2 | 93.6 | 94.0 95.0 | 94.3 | 94.5 | 95.0 96.1 | |
| ≥ 400 | 36.5 | 46.4 | | 78.8 | 84.6 | | 90.3 | | 93.5 93.8 | 95.0 | 95.6 | 95.9 | 96.4 | | | 98•6 |
| ≥ 100 ≥ 0 | 36.5 36.5 | 66.4 66.4 | 72.8 | 78.8 | 84.6 | 86.7 86.7 | 90.3 | 92.9 | 93.8 93.8 93.8 | 95.0 95.0 | 95.6 | 95.9 95.9 | 96.6 | 97.0 | | 1 7 4 4 7 |

TOTAL NUMBER OF OBSERVATIONS

923

USAF ETAC 101 64 0+14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13812

O

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C

RICKENBACKER AFB UH

67-70,73-78

<u>ucr</u>

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u>−0800=</u>†100

| CEILING | _ | | | | | | vis | BILITY (ST | ATUTE MIL | ESI | | | | | | |
|-------------------------|--------------|----------------------|--------------|--------------|------------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| teer | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥21⁄2 | ≥? | ≥179 | ≥114 | ≥1 | ≥ ,• | ≥,, | ≥ ′⁄⁄ | ≥ 5′16 | ≥ '• | ≥0 |
| NO CE'LING ≥ 20000 | 23.8 | _: ' | 46.7 51.5 | 48.4 53.2 | 49 . 8 54 . ú | 50.5 55.8 | 51.3 | | 51.7 57.3 | 51.9 | 51.9 57.7 | 52.0 | 52.0 57.8 | | 52.0 57.8 | |
| ≥ 18000 ≥ 16000 | 26.7 | 47.6 48.5 | 51.8 52.7 | 53.5 54.4 | 55.∠ 50.≀ | 56.1 57.0 | 57.2 58.1 | 57.6 58.5 | 57.6 58.5 | 58.1 58.9 | 58.9 | 58.2 | 58.2 | | 58.2 | 58.3 |
| ≥ 14000 ≥ 12000 | 26.7 | 48.6 49.1 | 52.6 53.3 | 54.6 55.2 | 56.8 | 57.2 57.8 | 58.3 58.9 | 58.7 59.4 | 58.7 | 59.1 59.8 | 59.1 59.8 | 59.2 | 59.2 | 59.2 | 59.2 | 59.4 |
| ≥ 10000 ≥ 9000 | 27.7 | 51.3 | 55.9 56.1 | 57.8 58.1 | 59.5 59.7 | 60.5 60.9 | 61.6 | 62.0 62.4 | 62.4 | 62.5 | 62.5 | 62.9 | 62.6 | | | 62.7 |
| ≥ 8000 ≥ 7000 | 29.1 | | 58.2 | | 62.0 | 63.7 | 64.3 66.8 | 64.7 | 64.7 | 65.2 67.6 | 65.2 | 65.7 67.7 | 65.3 | 65.3 | 65.3 | 65.4 |
| ≥ 6000 ≥ 5000 | 30.4 | 56.5 58.0 | 63.1 | 63.8 65.9 | 65.4 68.3 | 67.4 69.9 | 68.5 71.1 | 68.9 71.5 | 68.9 71.5 | 69.4 71.9 | 69.4 | 69.5 | | 69.5 72.0 | 69.5 | |
| ≥ 4500 ≥ 4000 | 32.0 33.8 | 59.7 | 67.4 | 67.5 70.4 | 70 · 1 73 · 1 | 71.8 74.9 | 75.0 76.1 | 73.4 76.6 | 73.4 76.6 | | 73.9 | 74.0 | 74.0 77.1 | 74.0 77.1 | 74.0 | |
| ≥ 3500 ≥ 3000 | 34.3 | 67.0 | 72.7 | 71.6 75.8 | 74.6 | 76.5 | 77.6 81.8 | 78 • 1 82 • 3 | 78.1 82.3 | 78.5 82.7 | 78.5 82.7 | 78.6 82.8 | , | 78.6 82.8 | 78.6 82.8 | 78.7 |
| ≥ 2500 ≥ 2000 | 37.0 | 69.2 | 75.3 | 77.4 | 80.6 81.8 | 82.5 83.7 | 83.7 | 84.1 | 84.1 85.3 | 84.5 85.7 | 84.5 85.7 | 84.6 85.8 | • • • | 84.6 | 84.6 | 84.7 |
| ≥ 1800 l ≥ 150° | 37.3 | 70.5 | 75.4 | 78.6 80.8 | 82.0 84.5 | 83.9 | 87.6 | 85.5 88.1 | 85.5 88.1 | 88.7 | 85.9 88.7 | 86.0 88.8 | | 86.0 88.8 | 86.0 | 86.1 88.9 |
| ≥ 1200 | 38.3 38.3 | 72.5 | 79.0 | 83.2 84.1 | 87.0 88 1 | 88.8 90.1 | 91.5 | 90.6 | 90.6 92.0 | 92.7 | 91.4 | 91.5 92.9 | 92.9 | 91.5 | 91.5 | 91.6 93.0 |
| ≥ 900 ≥ 800 | 38.3 | 72.8 | 79.9 80.1 | 84.4 | 88.7 | 90.9 | | 94.3 | 92.8 | 94.9 | 93.5 95.1 | 93.7 95.2 | 93.7 95.2 | 93.7 | 93.7 95.2 | 93.8 95.3 |
| ≥ 700 | 38.3 | 72.9 | 80.3 80.5 | 85.4 | 90.8 | 92.9 | 94.3 | 95.1 | 95•2 96•0 | 96.7 | 95.9 | 96.0 96.9 | 96.0 96.9 | 96•0 96•9 | 96.0 96.9 | 97.0 |
| ≥ 500 ≥ 400 ≥ 300 | 38.3 | 73.0 73.1 73.1 | 80.5 80.8 | 86.3 | 91.0 | | 95.9 96.1 | 96.9 97.3 | 97.1 97.6 | 97.8 99.6 | 98.0 98.7 | 98.1 98.6 | 98.1 98.8 | 98.2 | 98.2 98.9 | 98•3 99•0 |
| ≥ 200 | 38.3 | 73.1 | 80.8 | 85.3 | 91.2 | 93.7 | 96.1 | 97.3 97.4 | 97.5 97.7 | 28.8 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 99.4 | 99.4 -99.5 |
| ≥ 100 | 38.3 | 73.1 | 80.8 80.8 | 86.3 | 91.2 | 93.7 | | 97.4 | 97.7 97.7 | 98.8 98.8 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99•5 |

TOTAL NUMBER OF OBSERVATIONS

03

USAF ETAC 1014 0-14-5 (OL A) MENIOUS EDITIONS OF THIS FORM ARE OBSOLE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

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C

RICKENRACKER AFB UH

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1,200-,1400

| CEILING | | | | | | | YIS | iBluty (ST | ATUTE MIL | (ES) | | | | | | |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|----------------|------------|--------------------------|---------------------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥ 2 | 21/2 | ≥1¼ | ≥1 | ≥ ¾ | 5,• | ≥ '> | ≥ 5/16 | ≥ , | ≥0 |
| NO CEILING ≥ 20000 | 35.7 39.7 | 49.1 54.3 | 50.0 | 50.4 55.8 | 50 · 56 · | 50 · : | 50 • 5 | 50.5 | 50 • ! 56 • ! | 50 • 5 | 50 • 5 | 50 • ! | 50 • : | 50.: | 50 · ! | 50. |
| ≥ 18000 ≥ 16000 | 40.2 | 54.8 | 56.1 57.4 | 56.3 57.0 | 56. | 56.1 58.0 | 56. 58.0 | 56. | 56. 58.0 | 56. 58.0 | 56. | 56. 58. | 56 • 58 • (| 56. 58. | 56. | -56• 56• |
| ≥ 14000 ≥ 12000 | 41.7 | 56.9 57.6 | 58.2 59.0 | 58.4 59.2 | 58. | 58. | 58. 59.6 | 58. | 58. | 58. | 58. | 58. | 58 | 58. 59. | 58. | 58.0 58. |
| ≥ 10000 ≥ 9000 | 43.0 43.2 | 59.6 | 61.0 | 61.2 | 61.5 | 61. | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61. | 61.5 | 61. | 59.4 61. | -50.6 61. |
| ≥ 8000 ≥ 7000 | 44.4 45.1 | 62.9 | 63.0 | 64.9 | 63.8 | 53.8 65.2 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥ 6000 ≥ 5000 | 45.8 | 63.9 | 65.5 | 66.0 | 66. | 66.5 | 66.5 68.0 | 66.5 | 66.6 | 66.6 | 6 6.6 | 66.6 | | | 66.6 | 1 2071 |
| ≥ 4560 ≥ 4000 | 46.7 | 66.2 | 68.1 | 69.1 73.3 | 69.6 | | 69.7 73.9 | 69.7 | 69.8 | 69.8 | 69.8 | - 1 | 69.6 | 69.8 | 69.8 | 9.1 |
| ≥ 3500 ≥ 3000 | 51.1 | 72.4 | 74.7 | 75.9 | 76.3 | 76.5 | 76.5 | 76.5 | 76.6 | 76.6 | | | 1 | 76.6 | 76.0 | |
| ≥ 2500 ≥ 2000 | 55.4 56.5 | 80.1 | 83.3 | 84.7 | 85.5 | 85.6 | 85.6 88.0 | 65.5 | 85.7 88.1 | 85.7 | 85.7 | 81.5 85.7 | 85.7 | 81.5 | 85.7 | 31 • 5 85 • 7 |
| ≥ 1800 ≥ 1500 | 56.8 | 82.8 84.6 | 86.2 | | 88.8 | 88.9 | 89.0 | 88.0 89.0 | 89.1 | 88.1 89.1 | 89.1 | 89.1 | 89.1 | 88.1 | _ 88. 1 | 88 • 1 89 • 1 |
| ≥ 1200 ≥ 1000 | 57.5 58.0 | 86.1 | 90.9 | 92.8 | 93.9 | 94.2 | 94.3 | 94.3 | 94.4 95.6 | 94.4 | 91.4 | 91.4 | 94.4 | 94.4 | 91.5 | 91.5 94.4 |
| ≥ 900 ≥ 800 | 58.0 | 86.7 86.8 | 91.6 | 93.9 | 95.4 95.6 | 95.8 96.0 | 95.9 | 96.0 | 96.1 | 95.6 96.1 | 95.4 | 95.6 96.1 | 95.6 | 95.6 | 96.1 | -95•6 96•1 |
| ≥ /00 ≤ 600 | 58.1 | 87.2 87.3 | 92.2 | 94.6 | 96.8 | 97.3 | 97.0 | 97.7 | 96.6 | 97.8 | 96.6 | 96.6 | 96.4 97.4 | 96.6 | -96.6 97.8 | - 96•6 97•8 |
| ≥ 500 ≥ 400 | 58.2 | 87.3 | 92.7 | 95.5 | 98.0 | 98.6 | 99.4 | 99.8 | 99.9 | 99.9 | 99.0 | 99.9 | 99.9 | 99.9 | | -99• 9 |
| ≥ 300 ≥ 200 | 58.2 58.2 | 87.3 87.3 | 92.7 | 95.5 | 98 • 0 | 98.6 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 ≥ 0 | 58.2 58.2 | 87.3 | 92.7 | 95.5 | 98.0 | 98.6 98.6 | 99.4 | 99.8 | 99.9 | | 00.0 | | 100.0 100.0 | | 100.d | |

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC 1764 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATULOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13812

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RICKENBACKER AFB UH

67-70,73-78

UCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING | | | | | | | VIS | BILITY (ST | ATUTE MIL | ES) | | | | | | |
|----------------------------|----------------------|--------------|----------------------|----------------------|----------------------|----------------------|--------------|----------------------|--------------|----------------------|--------------|-------------------------|----------------------|----------------------|-------------------------|----------------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥ 4 | ≥3 | ≥2⅓ | ≥2 | ≥1% | ≥11⁄2 | ≥١ | ≥ 14 | 5,• | ≥ 5 | ≥5 16 | ≥ ′₄ | ≥0 |
| NO CEILING ≥ 20000 | 38.3 42.9 | 49.6 55.6 | 49.9 55.9 | 50.1 56.1 | 50.3 56.3 | 50.3 56.3 | 50.4 56.5 | 50.4 56.5 | 50.4 56.5 | 50.4 56.5 | 50.4 56.5 | 50.4 | 50.4 | 50.4 | 50.4 56.5 | 50.4 56.5 |
| ≥ 18000 ≥ 16000 | 43.7 | 56.5 57.5 | 57.8 | 57.0 58.1 | 57 • 2 58 • 3 | 57.2 58.3 | 57.3 58.4 | 57.3 58.4 | 57.3 58.4 | 57.3 58.4 | 57.3 58.4 | 57.3 58.4 | 57.3 58.4 | 57.3 58.4 | 57.3 58.4 | 57•3 58•4 |
| ≥ 14000 ≤ 12000 | 45.4 | | 59.4 60.0 | 59.7 61.0 | | 61.7 | 60.0 61.3 | 60.0 | 60.0 | 60.0 | 60.0 | 61.3 | 60.0 | 60 • 0 61 • 2 | 60.0 | 60.0 |
| ≥ 10000 ≥ 9000 | 47.6 | 62.3 | 62.6 | 62.7 | 62.9 | 63.1 | 63.2 | 63.2 | 63.0 | 63.2 | 63.2 | 63.0 | 63.2 | 63.2 | 63.2 | 63.0 |
| ≥ 8000 ≥ 7000 | 49.1 50.4 | | 66.7 | 67.0 | | 67.2 | | 67.3 | | 65.2 67.3 | 67. | 65.2 | 65.2 | 65.2 | 65.2 | 67.3 |
| ≥ 6000 ≥ 5000 ≥ 4500 | 51.4 52.7 54.3 | 68.6 70.6 | | 68.3 70.0 72.2 | 68.6 70.3 72.9 | 70.4 | 70.5 | 70.5 | ,7 | 68.8 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 08.8 -70-5 | 70.5 |
| ≥ 4000 | 57.5 59.5 | 74.6 | 75.9 | 76.3 | 77.2 | | | 73.1 77.4 81.3 | 77.4 81.3 | 73.1 77.4 81.3 | 77.4 | 73.1 77.4 81.3 | 73.1 77.4 81.2 | 73.1 77.4 81.3 | 73.1 77.4 81.3 | 73.1 |
| ≥ 3000 ≥ 2500 | 63.1 | 81.9 | 83.3 | 83.9 | 85.1 | 85.3 | 85.4 89.0 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 89.0 | 85.4 | 85.4 | 81.3 85.4 89.0 |
| ≥ 2000 | 63.4 | 36.2 | 88.1 | 89.0 | 90.8 | 91.1 | 91.5 | 91.6 | 91.6 | 91.6 | 91.4 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 1500 ≥ 1200 | 64.7 | 89.4 | | 91.4 | 93.4 | | 94.3 | 95.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 95.5 | 94.4 |
| ≥ 1000 | 64.7 | 89.5 | 91.7 | 92.9 | 95.9 | 96.2 | 96.1 | 96.9 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 800 ≥ 700 | 64.8 | 89.9 | 92.0 | 94.5 | 97.3 | | 98.6 | 98.8 | 98.9 | 98.9 | | 98.9 | | 98.9 | 98.0 | 98.0 |
| ≥ 500 ≥ 400 | 64.8 | | 92.9 | 94.8 | 97.7 | 98.2 | 99.1 | 99.5 | | 100.0 | 100.0 | | 100.0 | 99.5 | | 99.5 100.0 |
| ≥ 300 ≥ 200 | 64.8 64.8 | | 92.9 92.9 92.9 | 94.8 | 97.7 | 98.2 | 99.1 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | | 100.0 | 100.0 | |
| ≥ 100 ≥ 0 | 64.8 | 90.2 | 92.9 | | 97.7 | 98.2 98.2 98.2 | 99.1 99.1 | 99.5 99.5 | 79.8 | 100.0 | 100.0 | 100.0 100.0 100.0 | 100.0 | 100.0 | 100.0 100.0 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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CEILING VERSUS VISIBILITY

13812 RICKENPACKER AFR UH

67-70-73-78

_1<u>800-500</u>0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CELLING | | | | | | | VIS | BILITY (ST. | ATUTE MIL | ES) | | | | | | |
|-----------------------|--------------|----------------------------|----------------------|--------------|----------------------|----------------------|--------------|----------------------|--------------|------------------|--------------|----------------------------|------------|---------------|---------------|--------------------------|
| HET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2⅓ | ≥2 | ≥11/2 | ≥1% | ≥ા | ≥ 1,4 | ≥,• | ≥ יז | ≥5,10 | ≥'• | ≥0 |
| NO CEILING ≥ 20000 | 44.5 | 55.6 58.5 | 56.6 59.5 | 56,6 59,7 | 57. 60.2 | 57.2 60.2 | 57.3 66 | 57. | 57. | 57.3 60. | 57. 60. | 57. 60. | 57. 60. | 57.: -60. | 57. _60. | 57.3 |
| ≥ 18000 ≥ 16000 | 47.3 | 58.9 59.6 | 59.9 | 60.1 | 60.0 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.0 | 60.6 | 60.0 |
| ≥ 14000 ≥ 12000 | 48.5 | 60.6 | 61. | 63.8 | 62. | 62.7 | 62. | 62. | 62. | 62. | 62. | 64. | 62. | 62. | 62. | 62.7 |
| ≥ 10000 ≥ 9000 | 51.1 51.2 | 64.6 | 65.4 | 65.8 | 66. | 66.2 | 66. | 66.3 | 66. | 66. | 66. | 66. | 66. | 66. | 66. | 66+3 |
| ≥ 8000 ≥ 7000 | 52.9 54.3 | 66.6 | 69.4 | 69.1 | | 68.6 | 68.6 | 68.6 -70.3 | 70.3 | 70.3 | 68.6 70.3 | 68.6 | 68.6 | 70-7 | 68.6 70.7 | 68•6 |
| ≥ 6000 ≥ 5000 | 55.6 57.7 | 70.0 | | 71.6 | 76. | 72.7 | 72.2 | 72 • 2 -76 • 1 | 72.2 | 72.7 | 72.2 | 72.7 | 72.4 | 72.7 | 72.2 | 72.2 |
| ≥ 4500 ≥ 4000 | 62.9 | 77.1 80.2 | 78.3 | 78.8 82.5 | 83.4 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79. | 79.5 83.3 | 79.5 -83.5 | 79•5 |
| ≥ 3500 ≥ 3000 | 64.0 | 84.7 | 84.2 | 84.9 | 88. | 89.6 | 89.5 | 85.6 | 85.9 | 85.9 | 85.9 | 85.° | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 2500 ≥ 2000 | 66.6 | 87.7 | 88.3 | 90.1 | 91.5 | 90.9 | | 91.5 | 91.6 | 91.6 | 93.7 | 93. | 91.0 | 91.6 | 93. | -93.7 |
| ≥ 1800 ≥ 1500 | 67.3 67.7 | 88.1 | | 91.1 | 92.4 | 93.3 | 93.8 | 94.0 | 94.1 | 94.1 | 94.1 | 94•1 95•3 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 1200 ≥ 1000 | 68.4 | 89.4 | 92.0 | 93.1 | 94.0 | 94.9 | 95.5 | 95.7 | 95.8 | 95.8 | 95.i | 95.8 | 95.l | 95.8 | 95.6 | 95.8 |
| ≥ 900 ≥ 800 | 68.5 | 90.1 | 92.6 | | 95.1 | 96.0 | 97.3 | 96.9 97.8 | 97.1 | 97.1 | 97.1 | 97•1 _ 98 •1 | 97.1 | 97.1 -98.1 | 97.1 -98.1 | 97•1 -98•1 |
| ≥ 600 ≥ 500 | 68.5 68.5 | 90 • 3 90 • 6 90 • 9 | 92.6 93.2 93.4 | 94.2 | 95.3 95.7 | 96.7 97.1 97.2 | 97.8 98.3 | 98.4 98.8 99.0 | 98.6 99.0 | 98 • 7 99 • 1 | 98.7 | 98.7 | 98.7 | 99.1 | 98.7 | 98•7 |
| ≥ 300 ≥ 300 | 68.5 | | 93.4 | 94, | 95.9 95.9 95.9 | 97.2 | 98.5 | 99.0 | 99.5 | 99.6 | 99.7 | 99.5 _99.7 | 99. | 99.7 | 99.7 | 99.7 |
| 2 200 2 100 | 68.5 | 90.9 | 93.4 | 94.5 | 95.4 | | 98.5 | 99.0 | 99.5 | 99.6 | 99.9 | 100.0 | 100-0 | 100.0 | 100.0 | 100-0 |
| ≥ 0 | 68.5 | 90.9 | , | 94.5 | 95.9 | | 98.5 | 99.0 | 99.5 | 99.6 | | | 100-0 | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC 14.64 0+14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

RICKENPACKER AFB UH

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING | | | | | | | VIS | BILITY (STA | ATUTE MIL | ES) | | | | | | |
|-----------------------|--------------|--------------|----------------------|--------------|--------------|----------------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥ 4 | ≥3 | ≥2% | ≥ 2 | ≥1% | ≥1¼ | ≳ા | ≥ 1, | ≥,* | ≥ ., | ≥5 16 | ≥ . | ≥0 |
| NO CEILING ≥ 20000 | 46.7 | 57.3 | 58.7 | 59.1 61.8 | 59.7 | 59.7 62.5 | 59.7 62.5 | 59.7 | 59.7 | 59.8 62.4 | 59.8 62.6 | 59.8 62.6 | 59.8 | | 59.8 | 59.0 |
| ≥ 18000 ≥ 16000 | 48.6 48.8 | 59.9 60.5 | 61.9 | 62.5 | 62.5 | 62.5 63.1 | 62.5 | 62.5 63.1 | 62.5 | 62.6 | | 62.6 | 62.6 | 62.6 | 62.6 | 63.2 |
| ≥ 14000 ≥ 12000 | 49.6 50.9 | 61.6 | 63.0 | 63.5 65.7 | 64.2 | 64.2 | 64.2 | 64•2 66•0 | 64.2 | 64.3 66.1 | 66.1 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| ≥ 10000 ≥ 9000 | 52.3 52.6 | 65.3 65.8 | | 67.8 | 68.2 68.8 | 68.2 8.86 | 68.2 68.8 | 68.2 | 58.2 68.8 | 68.3 68.9 | 68.3 | 68.3 | 68.3 68.9 | 68.3 68.9 | 68.3 | 68•3 68•9 |
| ≥ 8000 ≥ 7000 | 54.2 54.8 | 68.1 68.9 | | | 71.3 72.2 | 71.3 | 71.3 72.2 | 71.3 | 71.3 72.2 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 72.3 | 71.4 | 71.4 |
| ≥ 6000 ≥ 5000 | 57.4 59.5 | 71.9 | 73.4 76.2 | | 75.3 78.4 | | 75.3 78.4 | 75.3 78.4 | 75.3 78.4 | 75.4 78.5 | 75.4 78.5 | 75.4 78.5 | | 75.4 78.5 | 75.4 78.5 | 75.4 |
| ≥ 4500 ≥ 4000 | 61.0 | 77.1 80.6 | 78.7 82.4 | 79.8 83.8 | 85.1 | 81.1 85.1 | 81.1 85.1 | 81.1 85.2 | 81.1 85.2 | 81.2 | 81.2 85.3 | 81.2 85.3 | 85 | 85.3 | 81.2 85.3 | _85. |
| ≥ 3500 ≥ 3000 | 65.1 | 82.3 | 84.1 85.7 | 85.5 87.5 | 86.8 | 86.8 | 86.8 | 86.9 | 86.9 | 87.0 89.8 | | 87.0 89.8 | 89.6 | 89.8 | 87.0 89.8 | |
| ≥ 2500 ≥ 2000 | 66.9 | 85.6 | | | 91.4 92.7 | 91.8 | 91.8 | 93.2 | 91.9 93.2 | 93.3 | | 92.2 | 93.4 | 93.4 | 92.2 | 93.4 |
| ≥ 1800 ≥ 1500 | 67.5 | 88.1 | 89.8 90.5 | | 93.3 | 93.8 | | | 93.9 | 94.8 | 94.9 | | | | 94.1 | 94.9 |
| ≥ 1000 | 68.3 | 88.9 | 91.5 | | | 95.6 | 95.8 | 96.6 | 95.9 96.6 | 96.7 | 96.8 | 96.8 | | 96.9 | | 96.9 |
| ≥ 900 ≥ 800 | 68.4 68.4 | 89.7 89.7 | 92.5 | 94.1 94.3 | 96.0 | | 97.1 | 97.2 | 96.9 97.2 | 97.3 | 97.4 | 97.4 | | 97.5 | 97.2 97.5 | 27.5 |
| ≥ /00 ≥ 600 | 68.4 | 89.8 | 92.5 92.6 92.6 | 94.5 | 96.9 | 97.7 | 98.5 | 98.8 | 98 • 2 98 • 8 | 98.9 | 99.0 | 99.0 | 99.1 | 49.1 | 98.5 99.1 | 99.1 |
| ≥ 500 ≥ 400 | 68.4 | 90.0 | | 94.7 | 97.1 | 97.7 98.0 98.1 | | 99.2 | 98.9 | 99.4 | 99.5 | 99.5 | | 99.6 | 99.4 99.7 | 99.7 |
| ≥ 300 ≥ 200 | 68.4 | 90.1 | 92.9 | 94.8 | 97.2 | 98.1 | 98.9 98.9 | 99.4 | 99.4 99.4 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 |
| ≥ 100 | 68.4 | 90.1 | 92.9 | | | 98.1 | 98.9 | | 99.4 | | 99.0 | 99.6 | | 99.7 | - | 99.9 100.0 |

67-70,73-78

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC NO 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUBAL CLIMATULOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

HOWASALL

13812 RICKENPACKER AFB UH

<u>-78-73-78</u>

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | | · | | | | | VIS | BILITY (STA | ATUIE MILI | ESI | | | | | | |
|-----------------------|--------------|--------------|--------------|------|------|--------------|------------|----------------|------------|--------------|--------------|---------------|---------------|--------------|------------|-----------|
| HEEL | ≥10 | ,≥6 | ≥5 | ≥4 | ≥3 | ≥2% | ≥ 2 | ≥1½ | ≥1¼ | ≥ı | ≥ کی | ≥,, | ≥ יי | ≥ 5/16 | ≥. | 20 |
| NO CEILING ≥ 20000 | 36. | 50. | 51. | 52.6 | 53.5 | 53.7 | 54.2 | 54. | 54.6 | 54 58 | 54.3 | 54.° | 55.0 | 55 . 58 . | 55. | 55. |
| ≥ 18000 | 38.9 | 53.5 53.5 | 55.4 | 56.1 | 57.0 | 57.8 | 58.2 | 58.0 59.4 | 58. | 58.° | 59.0 | 59.1 -59.5 | 59 • -60 • | 59. | 59. | 59 • (|
| ≥ 14000 ≥ 12000 | 39.4 40.0 | | 56.4 57.4 | 58.4 | 59.4 | 58.6 59.1 | 50.2 | 60 | 60.6 | 60.8 | 60.9 | 61.0 | 61. | 61.7 | 61. | 61 -62 |
| ≥ 10000 ≥ 9000 | 42.0 | 1 | 60.6 | | 62. | 63.1 | 63. | 64.0 | 64. | 64. | 64.4 | 62.0 64.0 | 64. | 64. | 64. | 65 |
| ≥ 8000 ≥ 7000 | 43.8 | 61.2 | 63.4 | 64.3 | 65.5 | 63. | 66.4 | 66. | 66. | 67.0 | | 67.2 | 67. | 67.4 | 67. | 67 |
| ≥ 6000 ≥ 5000 | 44. | 1 | 66.6 | 67.8 | 69.2 | 69. | 70.1 | 48.7 70. | 70.6 | | 70.9 74.6 | 71.0 | 71. | 71. | 71. | 71. |
| ≥ 4500 ≤ 4000 | 47.6 | 68.9 | 71.2 | | | 74.8 | 71. 75. | 73.6 | 75.9 | 76.1 79.6 | 76.2 | 76+3 | 76. | 76. | 76. | 76. |
| ≥ 3500 ≥ 3000 | 51. 52.4 | 71.9 | | | | 80.0 | | 79 - 3 81 • | 81.4 | | | 82. | 80. 82. | 82 | 82 · | 80 82 |
| ≥ 2500 ≥ 2000 | 53. 54.8 | 1 | 79.4 81.6 | 83.6 | | 83. | 87. | 87.6 | | 87.9 89.8 | | 88. | 88. | 88. | 88. | 88 |
| ≥ 1800 ≥ 1500 | 55. | 79.6 80.0 | 83.3 | 85. | | 88.0 | 89. | | | | | 90 • | 90. | 90. | 90. 92. | 91. |
| ≥ 1200 ≥ 1000 | 56. | 81.8 | 85.6 | | 90.7 | 91. | 92. | 92.5 | 93. | 93.3 | 93.5 | 93. | 93. | 93. | 93. | 94. |
| ≥ 900 ≥ 800 | 56. | 82. | 86.5 | 88.8 | 92.1 | 93.0 | 94. | 94.6 | 94. | 95.0 | 95.2 | 95. | 95. | 95. | 95. | 95. |
| 2 700 2 600 | 56. | 82.0 | 1 | 90.0 | 93.7 | 94. | 95.0 | 96.2 | 96.4 | 96.7 | | | 97. | 97. | 97. | 97. |
| 2 500 2 400 | 56.6 | 83. | 87.3 | 90.4 | 93.7 | 94. 95. | 96. | 97.4 | 97. | 97: | | 98. | 98. | 98. | 98 | 98. |
| 2 300 | 56.0 | 6 83.2 | 87.4 | 90.6 | | 95. | 96.1 | 97. | 98. | 98.4 | 98.6 | | 98. | 99. | 1 | 99. |
| 2 100 2 0 | 56.0 56.0 | 6 83.2 | 87.4 | 1 | 93,9 | 95. | 96. | q | 98.0 | | | | 799. | | 99. | |

TOTAL NUMBER OF OBSERVATIONS

743

LICAR ETAC 1000 0-14-5 (OL A) PREVIOUS COTIONS OF THIS FORM ARE OBSOLE

GLOBAL CLIMATOLOGY BPANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSU VISIBILITY

A STATE OF THE STA

13812

RICKENBACKER AFB UH

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7-70,73-78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

A CONTRACT OF THE PARTY OF THE

0000-0200

| CEILING | _ | | | | | | VISI | BILITY (STA | NIM STUTE | ES) | | | | | | |
|------------------------------|----------------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------|--------------|--------------|--------------|----------------------|----------------------|----------------------------------|--------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥ 4 | ≥3 | ≥2'7 | ≥ 2 | ≥1½ | ≥1¼ | ≥1 | ≥ ,• | 5,• | ≥ જ | ≥5 16 | 2. | ≥0 |
| NO CFILING ≥ 20000 | 27.4 28.3 | 35.7 36.9 | 36.2 37.4 | 36.8 38.1 | 37.4 38.1 | 37.4 38.8 | 37.4 36.8 | 37.6 38.9 | 37.6 38.9 | 38.9 | 37.6 | 37.6 38.9 | 37.7 | 37.7 39.1 | 37.7 | 37•7 39•2 |
| ≥ 18000 ≥ 16000 | 28.4 | 37.0 37.4 | 37.6 38.0 | 38.7 | 38.9 | 38.9 | 36.9 | 39.0 39.4 | 39.0 39.4 | 39.0 39.4 | 39.0 39.4 | 39.4 | 39.1 | 39.2 39.7 | 39.3 | 39.8 |
| ≥ 14000 ≥ 12000 | 29.8 30.7 | 38.8 39.8 | 40.3 | 40.0 | 40.7 | 40.7 | 40.7 | 40.8 41.8 | 40.8 41.8 | 40.8 | 40.8 | 40.8 | 40.9 | 41.0 | 41.1 | 41.1 |
| ≥ 10600 | 34.1 34.6 | 43.8 | 44.0 | 45.7 | 45.9 | 45.9 46.3 | 45.9 46.3 | 46.4 | 46.4 | 46.0 46.4 | 46.4 | 46.4 | 46.6 | 46.7 | 46.3 40.6 | 46.1 |
| ≥ 8000 ≥ 7000 | 36.6 | 47.8 | 47.7 | 48.3 | 49.1 50.0 | 49.1 50.0 | 49.1 50.0 | 49.2 50.1 | 49.2 50.1 | 49.2 50.1 | 49.7 50.1 | 49.7 50.1 | 49.3 50.2 | 49.4 50.3 | 49.6 50.4 | 50.4 |
| ≥ 6000 ≥ 5000 | 39.3 43.1 45.9 | 55.0 | 51.2 55.9 | 51.9 56.6 | 52.8 57.4 | | 52.8 57.4 | 52.9 57.6 | 52.9 57.6 | 57.4 | 52.d | 57.6 | 23.0 57.7 | 53.1 57.8 | 53.4 57.9 | 57.9 |
| ≥ 4500 ≥ 4000 | 48.0 | 58.3 62.3 | 59.4 63.7 | 64.8 | 61.1 | 65.7 | 65.7 | 65.8 | 61.2 | 65.8 | | 65.8 | 61.3 | 66.0 | 61.6 | 66.1 |
| ≥ 3500 ≥ 3000 ≥ 2500 | 52.7 54.9 | 69.1 | 66.0 70.7 75.9 | 67.1 71.8 77.4 | 68.0 72.7 78.3 | 68.0 72.7 78.3 | 68.0 72.7 | 72.8 | 68.1 72.8 | 72.8 | | 68.1 72.8 | 68.2 72.9 | 73.d | 58.4 | 73.1 |
| ≥ 2500 ≥ 2000 . ≥ 1800 | 57.0 57.7 | 78.0 | 79.9 | 81.6 | 82.0 | 82.6 | 78.3 82.6 | 78.4 82.7 84.0 | 78.4 82.7 | | 78.4 82.7 | 78.4 | 78 • c 82 • 8 | 82.9 | 11.08 11.00 11.00 11.00 | |
| ≥ 1500 ≥ 1200 | 58.4 | 81.7 | 83.8 | 85.6 | 86.8 | 86.9 | 83.9 86.9 89.7 | 87.0 89.6 | 84.0 87.0 | 84.0 87.0 | 84.0 87.0 | 84.0 87.0 | 84.1 87.1 89.9 | 84.2 87.2 90.0 | 84.3 87.3 | 84.3 |
| ≥ 1000 | 60.2 | 85.0 | 87.7 | 89.7 91.1 | 91.1 | 91.2 | 91.3 | 91.4 | 91.4 93.0 | 91.4 | 91.4 | 91.4 | 91.6 | 91.7 | 90.1 91.8 93.4 | |
| £ 800 £ 700 | 60.9 | 86.9 | 89.8 | 92.8 | 94.3 | 94.4 | 94.7 | 94.8 | 94.9 | 95.1 96.1 | 95.1 | 95.1 96.1 | 95.2 | | 95.4 96.4 | 95.4 |
| ≥ 600 | 61.0 | 88.2 | 91.3 | 94.6 | 1 | 97.0 | 97.2 | 97.3 | 97.4 | 97.8 | 97.8 98.1 | 97.8 98.1 | 97.9 | 98.0 98.3 | 98.4 98.4 | 28.1 |
| 2 400 | 61.0 | 88.2 | 91.6 | | 97.2 | 97.4 | 98.0 | 98.0 | 98.1 98.3 | 98.6 | 98.6 | 98.6 | 98.7 | 98.8 | 98.9 | 98.9 |
| ≥ 200 | 61.0 | 88.4 | 91.8 | | 97.4 | 97.7 | | 98.2 | 98.3 98.3 | 90.8 | 99.0 | 99.0 | 99.1 | 99.2 | 99.3 | 99.3 |
| 2 0 | 61.0 | 88.4 | | 95.0 | | | | | 98.3 | 98.8 | 99.0 | 99.0 | | 99.2 | 99.3 | 100-0 |

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC 1014 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

GLOBAL CLIMATULOGY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

13812 RICKENBACKER AEB UH

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0300-0500

| CFILING | | • | | | | | VIS | BILITY (ST | ATUTE MIL | ES1 | *************************************** | | | | | |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|--------------|---|--------------|---------------|---------------|------------|--------------|
| FEET | ≥ 10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥27 | ≥2 | ≥11/2 | ≥1¼ | ≥1 | ≥ '₄ | ≥,• | ≥'5 | ≥ 5 · 16 | ≥. | ≥0 |
| NO CEILING ≥ 20000 | 22.9 | 31.4 | 32.° | 33.4 | 34. | 34. | 34.4 36. | 34.9 | 35.1 | 35.2 | 35. | 35.2 | 35.6 | 35.6 | 35. | 35.8 37.2 |
| ≥ 18000 ≥ 16000 | 23. | 32.5 | 34.3 | 34.9 | 36. 36. | 36 · 36 · | 36. | 36•: 36•: | 36.6 | | 36. | 36. | 37.0 | | | 37.7 |
| ≥ 14000 ≥ 12000 | 24. 25.4 | 33.8 | 35.3 | 35.° | 37. | 37.1 38.6 | 37.2 36.2 | 37.3 38.4 | 37.6 | 37. 39. | 37.7 39. | 37. 39. | 38.0 | 38.6 39. | 38. | 38.3 |
| ≥ 10000 ≥ 9000 | 28.1 28.6 | 39.1 39.0 | 40. | 41.2 | 42.6 | 42.0 | 42. | 42.8 | 43.6 | 43.2 | 43. | 43. | 43. | 43. | 43. | 44.0 |
| ≥ 8000 ≥ 7000 | 31.0 31.7 | 43.6 | | 45.8 47.3 | 47.1 48.4 | 47.1 48.4 | 47.2 | 47. | 47.6 | 49. | 47. | 47.8 | 48. | 49. | 48.4 | 48.0 |
| ≥ 6000 ≥ 5000 | 33.1 37.1 | 46.7 51.7 | 48.3 53.0 | 49.0 54.7 | 55. | 50.2 55. | 50.4 55.8 | 50.6 55.9 | 50.8 | 51.0 56.3 | 51.0 56. | 51.0 56.3 | 51.4 -56.4 | 51.4 .56.4 | 51. 57. | 51.8 57. |
| ≥ 4500 ≥ 4000 | 42.2 | 55.4 59.6 | | 62.6 | 60.0 | 64.4 | 64.6 | 60.4 | 60.4 | 65. | 60. | 60 • | 61.1 65.6 | 61. | 61 | 65.9 |
| ≥ 35C0 ≥ 3000 | 44.2 | 66.9 | XX | | 72.9 | | | 73.1 | 67.9 73.3 | 73.6 | 68. 73.6 | 68.1 73.6 | 74-4 | 74.0 | 74. | 68.9 |
| ≥ 7600 ≥ 7600 | 53.0 | 70.7 76.1 | 73.8 | 74.9 80.6 | | 76.9 82.7 | 77.0 | 82.5 | 77.3 83.1 | 77.6 83.3 | R3.7 | 83.3 | 83.8 | 83.4 | 78. | 78•3 -84• |
| ≥ 1800 ≥ 1500 | 53.6 54.2 | 79.2 | | | | 83.8 86.8 | | 84.0 87.2 | 84.2 | 84.4 | 84.4 B7.7 | 84.4 | 84.9 | 88-1 | 85. | 85.2 |
| ≥ 1200 > 1000 | 54.8 54.9 | | 85.4 | | | 89.7 | 89.8 | 90.1 | 89.4 -90.3 | 90.6 | | 90.5 | | 90.1 | 90. | 90·4 |
| ≥ 900 ≥ 800 | 54.9 55.0 | 81.8 82.6 | 86.6 | 88.6 | | 91.4 | 21.7 | 90.8 | 91.1 | 91.3 | 91.3 | 91.3 92.5 | 91.1 | 93.2 | _93.4 | 93.4 |
| ≥ 700 ≥ 600 | 55.1 55.2 | 83.6 | 88.1 | 90.6 | 93.6 | 94.0 | | 94.1 | 93.4 95.3 | 93.7 | 93. | 93.7 | 94.1 | 94.1 | 94. | 94.4 |
| ≥ 500 ≥ 400 | 55.2 55.2 | 63.6 | 88.1 | 90.9 | 94.9 | 95.3 | 95.6 | 95.8 -96.1 | 96•3 -96•7 | 96.6 | 971 | 97.1 | 97.4 | 97.6 | 97. | 97•3 |
| ≥ 360 | 55.2 55.2 | 83.6 | 88.1 | 90.9 | 94.9 | 95.3 | 90.0 | 96.4 | 96.9 | 97.6 | 97.9 | 98.0 | 98.6 | 1 - 1 | 98.9 | 1 '''1 |
| ≥ 100 | 55.2 55.2 | 83.6 | | 90.9 | | | 1 | | 97•1 | 97.7 | 98.0 | 98.7 | 98.1 | 98.9 | | 1 99•3 |

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC 13.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3817 RICKENDACKER AFB UH

67-70,73-78

0600=0800

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | | | | | | | VISI | BILITY (STA | TUTE MILE | (S) | | | | | | |
|----------------------------|--------------|--------------|----------------------|----------------------|--------------|----------------------|----------------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------|----------------------|
| itti | ≥ 10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥ 2'2 | ≥2 | ≥11/2 | ≥1′4 | ≥1 | ≥ '₄ | ≥,* | ≥ ′7 | ≥ 5 16 | ≟ . | ≥0 |
| NO CEILING ≥ 20000 | 17.6 | 25.4 | 26.6 28.6 | 27.7 29.8 | 29.2 31.4 | 29.3 31.6 | 30.1 32.3 | 30.9 33.1 | 31.2 33.4 | 31.7 33.6 | 31.4 33.6 | 31.9 | 32.0 34.3 | 32.0 34.3 | 32.0 34.9 | 32.4 |
| ≥ 18000 ≥ 16000 | 18.6 | 27.6 27.8 | 28.9 29.1 | 30.1 30.3 | 31.8 32.0 | 31.9 | 32.7 32.9 | 33.4 | 33.8 34.0 | 33.9 34.1 | 34.3 | 34.7 34.4 | 34.5 | 34.7 | 35.2 35.4 | 35.4 |
| ≥ 14000 ≥ 12000 | 19.8 | 29.2 | 30.4 | 31.8 | 33.9 | 33.7 | 34.4 | 35.2 35.6 | 35.9 | 36.0 | 35.9 36.2 | 36.0 36.3 | 36.4 36.8 | 36.4 36.8 | 37.0 37.3 | 37.4 |
| ≥ 10000 ≥ 9000 | 22.1 | 37.7 | 34.0 34.8 | 35.7 36.0 | 37.9 | 37.2 38.0 | 38.9 | 39.1 | 39.4 40.2 | 39.7 40.4 | 39.9 40.7 | 40.0 40.8 | 40.4 | 40.6 | 41.9 45.3 | 41.3 |
| ≥ 8000 ≥ 7000 | 26.0 | 36.4 38.7 | 38.U 40.3 | 39.7 41.6 43.9 | 41.2 43.6 | 41.3 43.7 46.1 | 42.2 44.6 47.1 | | 43.7 46.0 48.6 | 43.9 46.3 48.9 | 44.1 46.0 49.1 | 44.2 46.7 49.2 | 44.7 47.1 49.7 | 44.8 47.2 49.8 | 47.8 50.3 | 48.0 |
| 2 6000 2 5000 | 27.6 30.3 | 44.9 | 42.7 46.6 50.2 | 47.8 | 50.0 | 50.1 | 51.2 55.1 | | 53.1 57.0 | 53.4 57.3 | 53.7 | 53.8 57.7 | 54.2 | 54.3 58.2 | 54.9 | 50.9 55.1 59.0 |
| ≥ 4500 ≥ 4000 ≥ 3500 | 35.2 36.7 | 51.8 | 53.4 56.1 | 55.1 57.9 | 57.4 | 57.6 | <u>58.8</u> | | 60.8 | | 61.4 | 61.9 | 62.0 65.3 | 62.1 | 62.7 | 62.9 |
| ≥ 3500 ≥ 3000 | 39.6 | 59.1 | 61.4 | 63.3 | 66.3 | 66.4 70.6 | | | 69.9 | | 70.7 | 70.8 | 71.2 | 71.2 | 71.9 | 72.1 76.3 |
| ≥ 2000 | 43.7 | 67.0 | | 71.9 | 75.6 | 75.9 76.6 | _ | | 79.8 | 80.2 | 80.7 | 80.8 | 81.9 | <u>81.3</u> | 81.9 | 82.5 |
| ≥ 1500 | 44.2 | 69.3 | | 74.3 | 78.8 | 79.1 82.3 | - | | | 83.7 | 84.1 | 84.2 | 88.0 | 84.8 | 85.3 88.7 | 85.4 |
| ≥ 1000 | 44.8 | 72.7 | 75.7 76.4 | 78.7 | 83.7 85.0 | 84.1 | 85.9 | | 88.3 | | | 90.9 | 89.9 91.3 | | 90.6 92.0 | |
| ≥ 800 ≥ 700 | 45.1 45.1 | 74.1 | 77.6 | 80.2 80.8 | | 86.3 | 88.9 | 90.9 | 90.9 | 91.6 | 1 – | 92.9 | 92.6 | | 93.2 | 93.4 |
| ≥ 500 | 45.2 | 74.7 | 77.8 | 81.6 | | 89.1 | 90.1 | | | 95.3 | 95.8 | 95.9 | 96.3 | 96.4 | 97.0 | 95.E |
| ≥ 400 | 45.2 | 74.7 | 77.8 77.8 | 81.6 | 88.4 | | 92.0 | 94.7 | 95.4 | 96.7 | 97.3 | 97.9 97.4 | 97.4 | 98.0 | 98.6 | |
| ≥ 100 | 45.2 | | 77.8 | 81.6 | 88.4 | 89.2 | 97.1 | 94.8 | 95.6 | 97.0 | 97.8 | 97.9 | 98.3 | | 99.2 | 99.4 |
| ≥ 0 | 45.2 | 74.7 | 77.8 | 81.6 | 88.4 | 89.2 | 92.1 | 94.8 | 95.6 | 97.0 | 97.5 | 97.9 | 98.2 | 28.4 | 99.2 | 100=0 |

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC 11164 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBS

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13812 RICKENBACKER AFB OH

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7-70.73-78

WOY.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~088041100

| CEILING | | | | | | | VIS | BILITY (ST) | ATUTE MIL | ESI | | | | | | |
|-------------------------|--------------|--------------|---------------------|--------------|--------------|----------------------|---------------|---------------|---------------|---------------|--------------|---------------------------|--------------|---------------|---------------|---------------------------|
| 1881 | ≥10 | ≥6 | ≥5 | ≥ 4 | ≥3 | ≥2'7 | ≥ 2 | ≥1% | ≥1¼ | ≥1 | ≥ '₄ | ≥>. | ≥′2 | ≥5 16 | ≥. | ≥0 |
| NO CEILING ≥ 20000 | 18.2 | 23.9 25.7 | 25.2 | 26.4 28.4 | 27 29.0 | 27.8 | 26.4 | 29.1 31.3 | 29.2 31.4 | 29.4 31. | 29.7 | 29.1 | 30.0 | 30. | 30. | 30. |
| ≥ 18000 ≥ 16000 | 19.7 19.7 | 25.9 26.0 | 27.0 | 28. | 29.8 29.9 | | 30.9 | 31.4 | 31. | 31.9 | 32. | 32.7 | 32. | 32. | | 32. |
| ≥ 14000 ≥ 12000 | 19.9 20.0 | 27.4 | 29.1 30.0 | 30.7 31.7 | 31.3 32.3 | 31.8 | 32.4 33.4 | 33.1 34.1 | 33.7 | 33.4 34.4 | 33. | 33.1 | 34.0 | 34. 35 | 34. 35. | 34. |
| ≥ 10000 | 20.9 21.2 | 29.7 30.1 | 31.6 | | 34.1 | 34.6 | 35.3 | 36.1 36.7 | 30.2 | 36.4 37.0 | 36.7 37. | 36.8 | 37.0 | 37. | 37. | 37• |
| ≥ 8000 ≥ 7000 | 22.2 | 32.7 35.3 | 34.7 37.4 | 36.7 39.3 | 37.3 40.4 | 37.8 40.5 | 38. | 39.4 | 39.6 | 37.5 | 1 | 40.1 | 40. | 40.4 | 40.4 | 40. |
| ≥ 6000 ≥ 5000 | 24.6 | 37.9 | 40.0 | 45.1 | 43.1 | 43.6 | 44.4 4E.0 | 45.7 48.8 | 45.3 | 45.6 | 45.0 | 45.9 | 40. | 46.7 | 46. | 46. |
| ≥ 4560 ≥ 4000 | 28.3 | 47.1 | 46.2 50.1 | 52.0 | | 50.6 54.8 | 51.6 -56.0 | 52•3 -56•9 | 57.0 | 52.7 57.2 | 52.9 57.4 | 53.0 57.6 | 53.2 57.1 | 53.3 _57.5 | 53.3 57.9 | 53• 57• |
| ≥ 3500 ≥ 3000 | 33.1 35.3 | 52.0 56.6 | 55.0 60.0 | 62.7 | 64. | 59.8 2.44_ | | 67.3 | 62.6 | 67.7 | 62.4 | 62.6 _68.6 | 62.6 | 02. | 68. | 62•° |
| ≥ 2500 ≥ 2000 | 37.2 39.0 | 65.2 | 63.9 | | 75.8 | 69.2 <u>76</u> .9 | 78.6 | | 71.9 | 80.2 | 72.4 | 72.6 -80.7 | 72.1 | 72.9 | 72.5 | 72 • ° |
| ≥ 1800 ≥ 1500 | 39.3 39.8 | 68.0 | 70.7 _73.2 | | | 77.8 81.2 | 82.1 | 80.6 _84.6 | 84.8 | 85.2 | 81.4 | 81.6 85.8 | Bene | 81.9 | 81.9 | 81•4 -86•1 |
| ≥ 1200 | 40.6 | | 76.0 76.3 | 80 H | 84.3 | 84.7 85.9 | | 90.1 | 90.6 | 91.2 | 90.0 | 90 • 2 - 91 • 9 | | 90.6 | 92. | 90•6 |
| ≥ 900 ≥ 800 | 40.6 | 70.8 | 76.0 | 81.6 | 85.4 | 86.9 87.2 | 89.8 | | 91.7 92.3 | 92.3 | 92.7 | 93.0 94.0 | 94.7 | 94.3 | 93.3 | 93•3 -94•3 |
| ≥ 700 | 40.6 | 70.9 | 76.8 | 81.9 | 86.1 | 87.8 88.2 | 91.7 | 93.7 | 93.4 | 94.4 | 94.6 95.6 | 95•1 <u>-96</u> -1 | 95.2 | 96.4 | 95.4 -96.4 | 95•4 -96• 4 |
| ≥ 500 ≥ 400 | 40.6 | 70.9 | 76.9 <u>76.9</u> | | 86.3 | 88.4 88.4 | 92.7 | 94.4 | 95.2 -95.7 | 96.3 _96.9 | | 97.3 -97.9 | | 98+2 | 97.7 | 97•7 |
| 2 300 2 200 2 100 | 40.6 | 70.9 | 76.9 76.9 | 81.9 | 86.3 | 88.4 88.4 | 2,.8 | 95.2 | 96.1 | 97.6 | 98+3 | 98.7 | 99.1 | 99.2 | 99.1 | 99•2 |
| 2 00 | 40.6 | | | 81.9 81.9 | 86.3 86.3 | 88.4 88.4 | 92.8 | | 96•1 96•1 | 97.6 97.6 | 1 m | 98.7 -98.7 | 99.1 | 99.3 | 99.6 | 168-4 |

TOTAL NUMBER OF OBSERVATIONS

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USAF ETAC 10.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFFIAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13817

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RICKENPACKER AFB OH

67-70,73-78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING | | | | · | | · · · · · · · · · · · · · · · · · · · | VIS | IBILITY (ST | ATUTE MILI | ESI | | | | | - | |
|----------------------------|--------------|----------------------|--------------|--------------|----------------------|---------------------------------------|--------------|--------------|--------------|----------------------|--------------|------------------|----------------------|------------------|----------------|----------------------|
| 1661 | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥21⁄2 | ≥ 2 | 21% | ≥1% | ≥1 | ≥ 44 | ≥ ,• | د, ≷ | ≥5 16 | ٤. | ≥0 |
| NO CEILING 20000 | 20.0 22.0 | 25.1 28.6 | 26.4 30.0 | 26.9 30.3 | 27.2 30.7 | 30.7 | 27•2 30•7 | 27.2 30.7 | 27.2 30.7 | 27.2 | 27.2 | | 27.2 | 27.2 | 27.2 | 27.2 |
| ≥ 18000 ≥ 16000 | 22.2 | 28.6 | 30.0 30.2 | | 30 · 7 | 30.7 30.9 | 30.7 | 30.7 30.9 | 30.7 30.9 | 30.7 30.9 | 30.9 | 30.7 30.9 | 30.7 | 30.7 30.9 | 30.7 | 30.9 |
| ≥ 14000 ≥ 12000 | 22.6 | 29.3 30.6 | 30.9 | 31.2 32.7 | 31.6 | 33.0 | 31.6 33.0 | 31.6 33.0 | 31.6 33.0 | 31.6 33.0 | 31.6 | | 31.6 | 31.6 | | 31.6 |
| ≥ 10000 ≥ 9000 | 24.0 25.1 | 33.3 | 35.1 35.8 | 35.4 36.1 | 35.6 | 36.4 | 35.8 36.4 | 35.8 36.4 | 35.8 36.4 | 35.8 36.4 | 35.8 36.4 | 36.4 | 35.8 36.4 | 35.8 36.4 | 36.4 | 35 • 8 36 • 4 |
| ≥ 8000 ≥ 7000 | 26.8 28.1 | 36.2 38.7 | 38.0 40.4 | 38.3 40.8 | 38.7 | 38.7 41.1 | 38.7 41.1 | 38.7 41.1 | 38.7 41.1 | 38.7 41.1 | 38.7 | 41.1 | 38.7 41.) | 38.7 41.1 | 38.7 | 38.7 |
| 2 5000 2 5000 | 29.2 30.1 | 40.6 | 42.3 | 45.2 | 43.1 45.7 | 43.1 45.7 | 43.1 | 43.1 | 43.1 45.7 | 43.1 45.7 | 43.1 | 45.7 | | 43.1 45.7 | 45.7 | 43 • 1 45 • 7 |
| ≥ 4500 ± 4000 | 31.6 35.0 | 44.8 49.6 54.6 | 51.9 | 52.8 58.3 | 48.0 53.2 58.8 | 48.1 53.3 | | 48.1 53.3 | 48.1 53.3 | 48.1 53.3 | 48.1 54.3 | 48 • 1 53 • 3 | | 48 • 1 53 • 3 | 53.3 | _53.3 |
| ≥ 3500 ≥ 3900 ≥ 2500 | 44.1 47.8 | 61.3 | 64.3 | 65.6 | 66.1 | 66.2 | | | 59.1 66.4 | 59.1 66.4 | 66.4 | 66.4 | | 66.4 | 66.4 | 59.1 |
| ≥ 2000 ≥ 1800 | 49.7 50.2 | 73.9 | 77.1 | 79.0 80.3 | 79.9 | | | | 81 x i, | 73.1 -1.1 -1.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 73.1 |
| 2 1500 | 51.6 | 79.2 | 83.2 | 84.7 | 86.1 | 87.0 | | 87.7 | 86.0 | 88.0 | 80.0 | 88.0 | 88.0 | 38.0 | 8B. C | 82.6 |
| ≥ 1000 | 52.3 52.4 | 81.4 | 86.4 86.8 | 89.0 | 90.6 | , | | 92.9 | 13.3 | 93.6 | 93.6 | 93.4 | 92.4 93.6 94.7 | 93.6 | | 92.4 93.6 94.7 |
| 2 800 | 52.7 52.7 | 81.9 | 87.0 | 89.7 | 92.2 | 94.0 | 95.1 | 95.3 | 95.8 | 96.0 | 96,0 | 96.0 | 96.0 | 76.0 | 20.0 | 96.0 96.0 |
| = 600 ≥ 500 | 52.7 52.7 | 81.9 | 87.2 | 89.9 90.2 | | 94.6 | 96.0 | | , | 97.3 | 97.3 | 97. | 97.4 | 97.4 98.9 | 97.4 | 97.4 |
| ≥ 406 | 52.7 52.7 | 82.0 | 87.4 | 90.2 90.2 | | 95.2 | | | 98.0 | 98,8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | |
| 2 200 ≥ 100 | 52.7 52.7 | 62.0 62.0 | 87.4 | 90.2 | | 95.2 | | 97.6 | 98.2 | | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2 0 | 52.7 | 82.0 | 87.4 | 90.2 | 93.2 | 95.2 | | | | 99.3 | | | | | 100.0 | |

TOTAL NUMBER OF OSSERVATIONS

900

USAF ETAC 10-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATULOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13812 RICKENBACKER AFB UH

17-70-73-78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1500-1700

| CEILING | | | | | | | VISI | BILITY ISTA | TUTE MILE | :51 | | | | | | |
|--------------------------|----------------------|----------------------|--------------|--------------|--------------|----------------------|----------------------|----------------------|----------------------|---------------|---------------|----------------------|---------------------|------------------------------------|---------------|-------------------------------|
| EEET | ≥10 | ≥6 | ≥5 | ≥ 4 | ≥3 | ≥2"7 | ≥ ? | ≥15 | ≥1¼ | ≥1 | ≥ ⅓, | ≥ • | ≥ '⁄a | ≥5 16 | ≥ . | ≥0 |
| NO CEILING ≥ 20000 | 23.6 | 30.0 | 30.4 | 30.7 34.3 | 30.4 | 30.9 | 30.9 34.0 | 30.9 | 30.9 | 30.9 | 30.9 | 30. | 30.9 | 30.9 | 30.9 | 30.9 -34.4 |
| ≥ 18000 ≥ 16000 | 26.3 26.6 | 33.7 | 34.2 34.6 | 34.7 | 34.0 | 34.0 | 34.0 34.9 | 34.0 | 34.0 34.9 | 34.9 | 34.0 | 34.6 | 34.6 | 34.5 | 34.4 | 34.6 |
| ≥ 14000 ≥ 12000 | 27.4 28.6 | 35.2 35.7 | 35.8 37.4 | 35.9 37.3 | 36.1 | 36.1 37.6 | 36.1 | 36.1 37.4 | 36.1 37.6 | 36.1 | 36.1 | 36.1 -37.4 | 36. | 36.1 37.4 | 36. | 36 • 1 - 37 • • |
| ≥ 9000 | 30.7 30.9 | 40.0 -40.2 | 40.4 | 40.9 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40 • 9 -41 • 1 | -41-1 | 40.9 |
| ≥ 8000 ≥ 7000 | 32.7 33.9 | 42.5 | 43.3 45.4 | 43.4 45.9 | 43. | 43.7 | 43.7 | 43.7 _46.2 | 43.1 -46.2 | 43. | 43.7 | 43.7 | 43. -46. | 43. | 43. | 43• } -46• } |
| ± 5000 ± 4500 | 34.6 35.7 38.4 | 46.9 49.3 52.9 | | 47.6 50.2 | 47.9 50.0 | 47.9 50.6 54.1 | 47.9 -50.6 | 47.9 50.6 | 47.9 50.6 54.1 | 47.9 -30.6 | 47.9 -50.6 | 47.9 -50.6 | 47.4 50.4 54. | 47.9 - 50. 4 54.1 | 47.9 -50.4 | 47.9 -50.4 54.1 |
| ≥ 4000 ≥ 3500 | 40.9 45.1 | | 57 . | | 58.2 | 58.2 65.0 | 54.1 58.2 65.0 | 54.1 58.2 65.0 | 58.2 65.0 | 5E-2 | 58. 65.0 | 54.1 58.7 65.0 | 58. 65. | 58 - 2 65 - 0 | 58. | 58•2 65•0 |
| ≥ 3000 | 49.8 52.0 | | 71.7 | 72.1 | 72.7 | $\frac{72.7}{78.1}$ | 72.8 | | _72.8 78.2 | 72 · 8 | 72.8 | 72.F | 72 78 | 72.0 | 72. | 72 · 8 |
| ≥ 2000 ≥ 1800 | 53.6 | 79.9 | | 82.6 | | 84.7 | 84.8 | 84.0 | 84.8 | 84.6 | 84.0 | 84.6 | 84-0 | 84.0 | 84.6 | -84 - V |
| ≥ 1500 | 54.7 55.0 | 85.6 | 89.1 | 90.7 | 93.0 | 89.1 93.7 | 89.3 94.2 | 89.4 94.4 | 94.6 | 89.7 94.7 | 89.7 | 94.8 | 94.1 | | 94.6 | _ 89 • 8 94 • 8 |
| ≥ 1000 ≥ 900 ≥ 800 | 55.7 | 85.8 | 89.9 | 92.1 | 94.0 | 94.8 | 96.1 | 96.4 | 96.1 96.6 | 96.8 | 1 | 96.6 | | | | |
| 2 700 | 55.8 | 86.2 | 90.3 | 1 | 95.1 | 95.8 95.8 | 97.0 | | 97.4 | 97.7 98.2 | | 98.4 | 98. | 98. | 98.7 | 98•7 |
| ≥ 500 ≥ 400 | 55.8 55.8 | 86.6 | 90.7 | 93.1 93.1 | 95,6 | 96.6 96.6 | | 98.1 | 98.0 98.3 98.3 | 99.2 | 99.4 | 99. | 100. | | 100 | 100 • 0 |
| ≥ 300 ≥ 200 | 55.8 55.8 | 86.6 | 90.7 | 93.1 | 95.8 | 96.6 | 97.6 | 98.1 | 98 · 3 | 99.2 | 99.4 | 99. | 100. | 100.0 | 100.0 | 100.0 |
| ≥ 100 ≥ 0 | 55.8 55.8 | 86.6 | 90.7 | | 95.1 | 96.6 | 97.8 | 98.1 | | 99.2 | 99.4 | 99. | 100 . | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC 10164 0-14-5 (OL A) MEYIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATOLUMY BRANCH USAFITAC AIR REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13812

RICKENRACKER AFB UH

<u>,7-70,73-78</u>

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

| CEIUN'S | | · | | | | | VISI | BILITY (STA | VIUTE MILE | (S) | | | | | | |
|----------------------------|--------------|--------------|--------------|--------------|------|----------------------|----------------------|--------------|----------------------|----------------------|------|------|----------------------|--------------|----------------------|--------------|
| HE | ≥10 | ≥6 | ≥5 | ≥ 4 | ≥3 | ≥2'2 | ≥2 | ≥1% | ≥1'4 | ≥1 | 24 | ≥,• | ≥', | ≥5 16 | ≥. | ≥0 |
| NO CEILING S | 29.1 21.1 | 36.0 38.3 | 37.0 | 37.7 | 37.4 | 37.4 39.9 | 37.4 | 37.6 40.0 | 37.6 40.0 | 37.6 40.0 | | - 1 | 37.6 | | | - 1 |
| ≥ 18000 ≥ 18000 | 31.3 | 38.6 38.7 | 39.0 39.7 | 39.9 40.0 | 40.1 | 40.1 | 40.1 | 40.2 | 40.2 | 40.2 | 40.2 | 40.7 | 40.2 | 40.2 | 40.2 | 40.4 |
| ≥ 14000 ≥ 12000 | 31.8 32.8 | 39.1 40.6 | 40.1 | 40.4 | 40.7 | 40.7 | 40.7 | 40.8 | 40.8 42.3 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 40.4 |
| ≥ 10000 ≥ 9000 | 35.2 35.3 | 44.0 | 45.U 45.1 | 45.3 45.4 | | | 45.7 45.8 | 45.8 45.9 | 45.8 45.9 | 45.8 45.9 | | | 45.8 | | | |
| ≥ 8000 ≥ 7000 | 36.6 38.3 | 48.9 | 47.6 50.0 | 47.9 50.3 | | | 48.4 | | 48.3 50.8 | | 50.8 | 50.9 | 48•3 50•8 | | 48.3 50.8 | |
| ≥ 6000 ≥ 5000 | 39.4 42.6 | 54.1 | 51.6 55.3 | 51.9 55.7 | 56.0 | 56.0 | 52.2 56.0 | 52.3 56.1 | 52.3 56.1 | 56.1 | 56.1 | 56.1 | 52.3 56.1 | 56.1 | 56.1 | 52.3 56.1 |
| ≥ 4500 ≥ 4000 | 48.1 51.6 | 57.7 62.1 | 59.0 63.8 | 59.3 64.2 | 64.6 | 64.6 | | | 59.8 64.7 | 64.7 | 64.7 | 64.7 | 59.8 64.7 | 64.7 | 64.7 | 64.7 |
| ≥ 3500 ≥ 3000 | 54.3 | 72.0 | 74.0 | 74.7 | | 69.2 75.2 79.2 | 69.2 75.2 79.2 | 75.3 | 69.3 75.3 79.3 | 69.3 75.3 79.3 | 75.3 | 75.3 | 69.3 75.3 | 69.3 75.3 | 69.3 75.3 | 69.3 75.3 |
| ≥ 2500 ≥ 2000 ≥ 1800 | 57.6 58.1 | 82.0 | 83.3 | 84.4 | | | , | 85.7 | 85.7 87.4 | 85,8 | 85.8 | | 79.3 85.8 87.6 | 85.8 | 79.3 85.6 87.6 | |
| ± 1500 | 58.9 | 84.8 | 88.0 | _ " " | 91.0 | 91.0 | 91.1 | 91.7 | 91.7 | 91.8 | 91.8 | | | 91.8 | | 91.6 |
| ≥ 1000 ≥ 900 | 59.8 59.8 | | 90.7 | 92.2 | | 93.8 | 1 | 94.9 | 94.9 | | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 25.0 |
| ≥ 800 ≥ 700 | 59.9 59.9 | 87.6 | | 93.2 | 95.2 | 95.2 | 95.9 95.3 | 96.6 | 1 | 96.8 | 96.8 | 96.8 | | 46.9 | 96.9 | 96.9 |
| ≥ 600 | 59.9 59.9 | 88.1 88.3 | 92.0 92.2 | 94.1 | | | 98.0 | 98.2 | 98.3 | 99.0 | 99.1 | 39.1 | 99.2 | 99.2 | 99.2 100.0 | 99.2 |
| ≥ 400 ≥ 300 | 59.9 | | 92.2 92.2 | 94.7 | 97.1 | 97.1 97.1 | 98.0 | 98.9 | 99.0 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | | 100.0 |
| 2 100 | 59.9 | 88.3 | | 94.7 | 97.1 | 97.1 97.1 | 98.0 | 98.9 | 99.0 | 99.8 99.8 | 99.9 | 99.9 | 100.0 100.0 | 100.0 | 100.0 | 100.0 |
| <u> </u> | 59.9 | 83.3 | 92.2 | 94.7 | 97.1 | 97.1 | 98.0 | 98.9 | 99.0 | 59.8 | 99.9 | 97.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC 1/1 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATULUTY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13812

RICKENBACKER AFB UH

57-70-73-70

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-2100-2300

| FILING | | | | | | | VISI | BILITY (ST. | ATUTE MILE | 51 | | | | | | |
|-------------------------|--------------|--------------|-----------------------|--------------|----------------------|--------------|------------------------------|--------------------------------|---------------|--------------|--------------|---------------------|--------------|------------------|--------------|---------------|
| /fE1 | ≥ 10 | ≥6 | ≥5 | ≥4 . | ≥ 3 | ≥21/2 | ≥ 2 | 21/2 | ±1% | ≥1 | ≥ 1,4 | ≥ '• | ≥ 'າ | ≥5 16 | ≥ . | <u>≵</u> 0 |
| NO CEILING ≥ 20000 | 31.6 | 38.6 | 39.5 | 40.0 | 40 | 40.3 | 40.3 | 40.3 | 40.3 | 40.3 | 40.3 | 40. | 40.4 | 40.4 | 40.4 | 40.4 |
| ≥ 18000 ≥ 16500 | 32.7 32.9 | 40.4 | 40.9 | 41.9 | 41.4 | 41.9 | 42.3 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 42.0 | | 42.0 | 42.0 |
| ≥ 14000 ≥ 12000 | 33.6 | 41.i | 41.9 | 42.6 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 47.9 | 42.9 | 42.9 | 43.0 | 43.0 | | |
| ≥ 9000 ≥ 9000 | 36.0 36.1 | 44.6 | | 45.7 | 46.0 | 46.0 | 40.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.1 | 46. | 46. | 46.4 |
| ≥ 8000 ≥ 7000 | 37.8 38.4 | 45.7 | 47.4 | 48.1 | 48.4 | 48.4 | 40.7 | 43.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.6 | | ,, | |
| ≥ 6000 ≥ 5000 | 40.2 | 50.0 55.1 | 50.8 5 5. 9 | 51.4 56.6 | 51.9 57.0 | 51.9 57.0 | 51.9 31.0 | 2.47 | 51.9 57.0 | 51.9 57.0 | 51.9 57.0 | 51.9 57.0 | 52.0 57.1 | 52.0 | 52.0 57 | |
| ≥ 4500 ≥ 4600 | 50.6 | 58.8 63.3 | 59.8 64.3 | 65.0 | 60.9 | 65.6 | 65.0 | 65.0 | 60.9 65.6 | | 60.9 | 60.9 | 61.0 | 61.0 | 61.0 65.7 | 61.0 |
| ≥ 3000 | 50.0 | 70.9 | 67.4 | 73.0 | 69.0 73.7 | 69.0 73.8 | 69.0 73.8 | 69•0 _73•8 | 69.0 73.8 | 73.9 | 69.0 73.9 | 69.0 73.9 | 74.0 | 69.1 | 69.1 | 69.1 |
| 2500 2 2000 | 57.1 59.3 | 76.0 80.9 | | 78.7 | 78.9 84.8 | 79.0 85.0 | 79.1 85.1 | 79 . 1 [م <u>5</u> ن | 79.1 85.1 | 79.2 85.2 | 79.2 85.2 | 79.2 85.2 | 79.3 85.3 | 79.3 85.3 | 79.3 85.3 | 79.3 85.3 |
| ≥ 1800 ≥ 1500 | 59.4 | 81.7 | 83.6 | 84.7 | 85.6 | 90.3 | 85.9 -90.4 | 85.9 90.0 | 85.9 -90.6 | 86.0 90.7 | 86.0 90.7 | 86.0 90.7 | 86.1 90.8 | 86 • 1 90 • 8 | 86.1 90.1 | 36•1 -90•4 |
| ≥ 1200 | 61.6 | 85.4 | | 90.2 91.3 | 91.6 92.9 | 93.4 | 92.3 93.6 | | 92.4 | 94.1 | 92.6 | 92.6 <u>94.1</u> | 92.7 | 92.7 | 92.7 | 92.7 |
| 2 900 2 800 | 62.4 62.4 | 86.9 | 90.7 | 92.3 93.3 | 93.9 | 55.6 | 94.8 <u>95.8</u> | 95•0 96•2 | 95.0 96.2 | 95.1 | 95.1 96.6 | 95.1 96.6 | 95.2 | 95•2 -96•7 | 95.2 96.7 | 95.2 |
| 2 700 2 600 2 500 | 62.4 | 87.6 87.8 | 91.4 | 94.0 | 95.4 | 96.4 | 96.8 | 97.1 27.6 | 97.1 97.6 | 97.7 98.2 | 97.7 | 97.7 98.2 | 97.6 98.3 | 98.3 | 98.3 | 97.1 |
| 2 400 | 62.4 | 88.4 | | | 96 • 0 96 • 2 | 97.1 | 97 .7 27 .9 | 98•2 98•4 | 98.6 | 99.0 99.3 | 99.4 | 99.d 99.3 | 99.1 | 99.1 | 99.1 | 99•1 |
| 200 | 62.4 | 88.4 89.4 | 91.9 | 94.7 | 96.3 96.3 96.3 | 97.2 | 98.0 96.0 | | 98.7 | 99.4 | 79.4 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 |
| 2 0 | 62.4 | 88.4 | | 94.7 | 96.3 | | 98.0 | 98.6 78.6 | 98.7 | 99.4 | 99.4 | 99.4 99.4 | 99.0 | 99.6 | | 99.6 |

TOTAL NUMBER OF OBSERVATIONS

90

USAF ETAC 17.54 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLUBAL CLIMATULUGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13812

RICKENBACKER AFB UH

47-70,73-78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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| | | | | | · | | | | | · | | | | | | |
|-----------------------|--------------|--------------|--------------|--------------|------|--------------|----------------------|--------------|--------------|----------------------|------|--------------|------|-------|------|----------------------|
| CEILING | | | | | | | VISI | BILITY (ST | ATUTE MILI | F51 | | | | | | |
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2'7 | ≥ 2 | ≥11; | 2114 | ≥1 | ≥ ,⁴ | ≥ ′4 | ≥ '7 | ≥5 16 | ۶,۱ | ≥0 |
| NO CFILING ≥ 20000 | 23.8 | 32.9 | 31.8 34.0 | | 33.1 | 33.1 35.4 | 33.3 35.6 | 33.6 | 33.6 | | 33.7 | 33.8 | 33.9 | 33.9 | 34.0 | 34.1 |
| ≥ 18000 ≥ 16000 | 25.3 25.5 | 33.0 | 34.4 | 34.8 35.0 | 35.7 | 35.5 | | 36.0 | 36.0 36.3 | | 36.4 | 36.7 | 36.3 | 36.4 | 36.5 | 36.5 |
| ≥ 14000 ≥ 12000 | 26.8 | 34.3 | 35.4 | 36.0 | 36.7 | 36.8 | 37.0 | 37.2 | | | 37.4 | 37.4 | 37.4 | | 37.7 | 37.8 |
| ≥ 10000 ≥ 9000 | 29.0 | | 39.0 40.0 | 40.2 | | | 41.3 | 41.6 | 41.6 | | 41.8 | 41.8 | 42.4 | 42.0 | 42.1 | 38.9 42.2 42.5 |
| ≥ 8000 ≥ /000 | 31.1 | 41.5 | 42.7 | 43.4 | | 44.3 | 44.5 | 44.8 | 44.9 | 45.0 | 45.4 | 45.1 | 45.2 | | 45.4 | 45.4 |
| ≥ 6000 ≥ 5000 | 33.5 | 45.5 | 46.8 50.6 | 47.6 | 48.4 | 48.5 | 48.7 | 49.0 | 49.1 53.1 | 49.2 | 49.3 | 49.3 | 49.4 | 49.5 | 49.6 | 47.5 |
| ≥ 4500 ≥ 4000 | 38.8 | 52.5 | 54.1 | 54.9 | 55.9 | 56.1 | 50.3 | 56.7 | 56.8 | 56.8 | 56.9 | 53.3 56.9 | 57.1 | 57.1 | 57.3 | 57.3 |
| ≥ 3500 ≥ 3000 | 44.0 | 65.7 | 62.5 | 63.5 | | 64.8 | 65.1 | 65.5 | 65.6 | 65.7 | 65.7 | | | 66.0 | | |
| ≥ 2500 ≥ 2000 | 49.4 51.6 | 70.1 | 72.6 78.0 | 74.0 | 75.3 | 75.5 | | 76.3 | 76.4 | 76.6 | 76.7 | | | 76.9 | | 77.0 |
| ≥ 1800 ≥ 1500 | 52.0 52.8 | 76.2 78.8 | 79.1 | 80.7 | 82.4 | 82.7 | 83.2 | 83.6 | 83.8 | 83.9 | 84.0 | 84.0 | 84.2 | 84.3 | | { |
| ≥ 1200 ≥ 1000 | 53.6 53.8 | 80.7 | 84.4 | | 88.9 | 89.4 | 97.0 90.1 91.4 | 90.8 | 91.0 | - 1 | 91.3 | | 91.6 | 91.6 | | 91.8 |
| ≥ 900 ≥ 800 | 53.9 54.0 | 81.7 | 85.7 | 88.3 | 90.9 | 71.5 | | 93.1 | 93.4 | 93.7 | 93.8 | 93.8 | 94.0 | 94.0 | 94.2 | |
| 2 700 ≥ 600 | 54.1 54.1 | 82.4 | 86.9 | 89.4 | | 93.1 | | 94.9 | 95.3 | 95.0 95.8 97.0 | 96.0 | 96.0 | | | 95.4 | |
| ≥ 500 ≥ 400 | 54.1 54.1 | 82.8 82.8 | 87.0 87.1 | | 93.6 | 94.5 | | 96.7 | 97.1 | 97.8 | | 98.2 | 98.4 | 98.4 | 98.5 | 98.6 |
| ≥ 300 ≥ 200 | 54.1 54.1 | 82.9 | | 90.3 | 93.7 | 94.6 | 96.2 | 97.2 97.2 | 97.6 | 98.5 | 98.8 | 98.9 | 99.2 | 99.3 | 99.4 | |
| ± 1ω ± 0 | 54.1 54.1 | | | 90.3 | 93.7 | 94.6 | | 97.2 | 97.7 | 98.6 | 99.0 | 99.1 | | 99.4 | 99.6 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS

7200

USAF ETAC NEW 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DESCRI

GLOBAL CLIMATOLUGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

THE PROPERTY OF THE PARTY OF TH

14812 RICKENBACKER AFR UH

47-70.73-78

DEC.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0000-0200

| CEILING | | | | | | | VIS | BILITY IST | ATUTE MILL | E\$1 | | | | | | |
|----------------------------|----------------------|----------------------|--------------|----------------------|--------------|----------------------|----------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------|-----------------------|
| FEET | ≥10 | ≥6 | ≥ 5 | ≥ 4 | ≥3 | ≥21⁄2 | ≥ 2 | ≥11/2 | ≥1¼ | ≥1 | ≥ 3,4 | ≥,• | ≥ '^ | ≥5 16 | ≥ . | ≥c |
| NO CEILING ≥ 20000 | 27.3 | 35.2 | 33.7 35.5 | 33.7 35.5 | 33.8 35.0 | 33.8 35.6 | 33.6 | 33.8 | 33.8 | 33.6 | 33.6 | 33. | 33.6 | 33.6 | 33.8 | 33.8 |
| ≥ 18000 ≥ 16000 | 28.4 | 36.0 36.4 | 36.3 36.7 | 36.1 36.1 | 36.4 36.1 | 36.4 36.8 | 30.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 1_36.1 | 36.4 | 36.4 |
| ≥ 14000 ≥ 12000 | 29.1 29.3 | 36.9 | 37.3 37.9 | 37.9 | 37.4 | 37.4 38.0 | 37.4 | 37.4 38.0 | 37.4 | 37. 38.0 | 37.4 | 37.4 | 37.4 | 37.4 38.6 | 37.4 38.6 | 37.4 |
| ≥ 10000 | 30.6 | 39 · 8 | 40.4 | 40.7 40.8 | 40.5 | 40.3 | | 40.9 | 40.9 | 40.3 40.9 | 40.5 | 40. | 40.5 | 40.3 40.5 | 40.9 | |
| ≥ 8000 ≥ 7000 ≥ 6000 | 32.8 34.1 35.2 | 44.1 45.7 46.9 | 44.5 | 44.5 | 46.4 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 46.0 | 44.0 | 46.7 | 44.0 | 45.7 |
| ≥ 5000 ≥ 4500 | 38.3 | 50.7 53.6 | 51.6 | 47.3 51.0 54.0 | 51.1 54.1 | 47.4 51.1 54.1 | 47.4 51.1 54.1 | 47.4 -51.1 54.1 | 47.4 51.1 54.1 | 47.4 51.1 54.1 | 47.4 51.1 54.1 | 47.4 51.1 | 47.4 51.1 54.1 | 47.4 51.1 54.1 | 47.4 51. 54.1 | -51- |
| ≥ 4000 | 42.9 | 56.7 | 57.2 59.2 | 57.7 | 57. | 57.3 59.4 | 57.3 59.4 | 57.7 59.4 | 57.3 59.4 | 57.3 59.4 | 57.3 59.4 | 54.1 57.3 59.4 | 57.2 | 57.3 59.4 | _57.3 59.4 | 54.1 57.3 59.4 |
| ≥ 3000 ≥ 2500 | 49.5 52.9 | 70.7 | , , | 65.7 72.1 | 66.° | 66.3 | 72.9 | 66.3 72.9 | 66.3 72.9 | 66.3 72.9 | -60.3 72.9 | _66.3 72.9 | 72.9 | 72.9 | -66 72.9 | 72.9 |
| ≥ 1800 | 57.3 57.5 | 77.8 | 78.9 | 79.4 80.3 | 81.3 | 80.4 81.4 | 81.9 | _80.8 81.9 | | 80.8 82.0 | 80.8 | | 82.0 | 80.8 | _80.8 | 80.4 |
| ≥ 1500 ≥ 1200 ≥ 1000 | 58.4 59.8 | 83.5 | 85.3 | 86.8 | 88.5 | 85.4 88.6 | 89.2 | 86.1 89.5 | 89.5 | 86.2 89.7 | 86.4 89.8 | | 86.3 | 89.8 | 89.8 | |
| ≥ 900 ≥ 800 | 60.2 60.2 60.3 | 84.3 85.0 85.6 | 86.8 | 87.7 88.9 89.8 | 91.1 92.0 | 91.3 92.5 | 90.3 91.9 93.2 | 90.5 92.1 | 90.9 92.1 | 90.7 92.4 93.9 | 90.9 92.5 | | 92.5 | 90.9 92.5 | 92.5 | 92.3 |
| 2 700 2 600 | 60.3 | 86.0 | 87.8 | 90.2 90.6 | 92.7 | 93.2 | 94.0 | 94.5 | 94.5 96.0 | 95.0 96.8 | 95.2 96.9 | 95.2 | 95.2 | 95.2 | 95.2 | 94.0 95.2 -96.9 |
| ≥ 500 ≥ 400 | 60.5 | 86.4 86.4 | 88.3 | 91.7 91.4 | 94.2 | 94.8 95.0 | 96.4 | 97.2 97.8 | 97.2 | 98.0 98.6 | 98 · 1 98 · 7 | 98.1 | 98 • 1 98 • 7 | 98 • 1 98 • 7 | 98.1 98.7 | 98 - 1 |
| ≥ 300 ≥ 200 | 60.5 | 86.4 86.4 | 88.5 | | | | 90.4 | 97.8 98.2 | 97•8 96•2 | 99.0 | 99.1 | 98.8 99.1 | 98.8 | 99.1 | 99.1 | 98.8 |
| ≥ 100 ≥ 0 | 60.5 | 86.4 86.4 | 88.5 | 91.4 91.4 | 94.4 | 95.0 95.0 | 90.7 | 98.2 98.2 | 98•2 98•2 | 99.0 99.0 | 99.2 | 99.2 | 99.2 | 99.2 99.5 | | 99.H |

TOTAL NUMBER OF OBSERVATIONS

929

USAF ETAC 10,04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13812

RICKENBACKER AFB UH

57-70,73-78

UEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

| CEILING | | | | | | - | VISI | BILITY (STA | TUTE MILE | (\$) | | | | | | |
|---------------------------|--------------|--------------|--------------|----------------------|------------------|--------------|--------------|----------------------|----------------------|--------------|----------------------|----------------------|----------------------|--------------|----------------------|----------------------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥ 3 | ≥2% | ≥2 | ≥17/ | ≥1¼ | ≥1 | ≥ 14 | 5,• | ≥ % | ≥ 5 16 | ≥'. | ≥0 |
| NO CEILING ≥ 20000 | 20.1 | | 33.1 34.8 | 33.2 | 33.2 35.1 | 33.2 35.1 | 73.4 | 33.7 | 33.2 35.1 | 33.2 35.1 | 33.2 35.1 | 33.2 35.1 | 33.2 35.1 | 33.2 | 33.5 | 35.4 |
| ≥ 18000 ≥ 16000 | 27.4 | 34.4 34.8 | 35.1 35.5 | 35.3 35.7 | 35.3 35.7 | 35.3 35.7 | 35.3 35.7 | 35.3 35.7 | 35.3 35.7 | 35.3 35.7 | 35.3 35.7 | 35.3 35.7 | 35.3 35.7 | 35.3 35.7 | 35.6 36.0 | 36.0 |
| ≥ 14000 ≥ 12000 | 27.8 | 35.6 36.3 | 36.2 37.0 | 36.5 37.3 | 36.5 | 36.5 | 36.5 | 36.5 | 36.5 37.3 | 36.5 | 36.5 | 36.5 37.3 | 36.5 37.3 | 36.5 | 36.8 37.0 | 37.6 |
| ≥ 10000 | 29.4 30.6 | 40.5 | 39.2 41.2 | 39.6 41.5 | 39.6 41.5 | 39.6 41.5 | 39.6 41.5 | 39.6 41.5 | 39.6 41.5 | 39.6 41.5 | 39.4 41.5 | 39.6 | 39.6 41.5 | 39.6 41.5 | 39.9 41.6 | 39.9 41.8 |
| ≥ 8000 ≥ 7000 | 33.1 33.9 | | 44.5 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 46.6 | | 44.8 46.6 | 44.8 46.6 48.0 | 44.8 46.6 48.0 | 46.6 | 45.2 46.9 48.3 | 45 • 2 46 • 9 48 • 3 |
| ≥ 6000 ≥ 5000 | 34.8 38.2 | 50.9 | 47.6 51.5 | 51.B | 48.0 51.8 | 48.0 51.8 | | 48.0 51.8 | 48.0 51.8 54.2 | 51.8 | 48.0 51.8 54.2 | 51.8 54.2 | 51.6 54.2 | 51.8 | 52.2 54.5 | 52.2 54.5 |
| ≥ 4500 ≤ 4000 | 39.9 41.1 | 55.6 | | 56.7 | 54 · 2 56 · 7 | 54.2 56.7 | 54.2 56.8 | 54.2 56.8 58.3 | 56.8 58.3 | 56.8 | | 56.8 58.3 | | 56.8 | 57.1 58.6 | 57.1 |
| ≥ 3500 ≥ 3000 | 46.7 | 63.0 | 57.7 63.9 | 58.2 64.5 68.5 | 58 • 2 64 • 7 | 64.7 | 58.3 64.8 | | 64.8 | 64.8 | | 64.8 | 64.8 | 64.8 | 65.2 | 65.2 |
| ≥ 2500 ≥ 2000 | 49.0 53.5 | | 75.9 | 76.9 | | | 78.5 | 78.7 | 78.8 | 78.8 | 78.8 | 78.0 | 78.8 | 78.8 | 79.1 | 79.1 |
| ≥ 1800 ≥ 1500 | 55.6 | 78.8 | 81.0 | 82.4 | 83.3 | | | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 85.1 | 85.1 |
| ≥ 1200 ≥ 1000 ≥ 900 | 57.1 | 82.0 | 84.4 | 86.1 | 87.4 | 87.5 | 88.8 | 89.2 | 89.4 | 89.5 | 89.5 | 89.5 90.9 | 89.5 | 89.5 | 89.6 | 89.6 |
| ≥ 900 ≥ 800 | 57.2 | 83.7 | 86.3 | 88.2 | | 90.0 | 91.8 | 92.3 | 92.4 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 93.0 | 93.0 |
| 2 600 | 57. | 84.4 | 87.3 | 89.4 | 91.4 | 91.6 | 93.8 | 94.5 | 94.9 | 95.3 | | 95.7 | | 96.9 | 97. | 97.2 |
| ≥ 400 | 57.5 | | 88.3 | <u></u> | 92.5 | 92.9 | 95.8 | 96.6 | 97.5 | 98.3 | 98.4 | | | | 98.9 | 98.9 |
| 2 200 | 57. | 85.1 | | 90.4 | 92.5 | 93.1 | 96.1 | | 97.6 | 98.5 | 98.8 | 1 | 98.9 | 99.1 | 99.0 | 100.0 |
| 2 0 | 57.9 | 85.1 | 88.2 | 90.4 | 92.5 | 93.1 | 96.1 | 97.0 | 97.6 | 98.5 | 98.8 | 98.9 | 98.9 | 7701 | 1 77 aS | ar One . |

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSCIET

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C

CEILING VERSUS VISIBILITY

13812 RICKENRACKER AFB OH

_<u>0600-</u>0800

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | | | | | | | VIS | BILITY (STA | TUTE MILI | ES) | | | | | | |
|---------------------------|--------------|--------------|--------------|----------------------|----------------------|------------------|--------------|-----------------------|-------------------|--------------|----------------------|-------------------|---------------|--------------------|--------------|----------------------|
| FEET | ≥10 | ≥6 | ≥ 5 | ≥ 4 | ≥3 | ≥2⅓ | ≥2 | ≥1 /2 | ≥1¼ | ا≤ | ≥ ¼ | ≥'. | ≥ 1⁄2 | ≥ 5-16 | ≥ . | ≥0 |
| NO CEILING ≥ 20000 | 21.8 | | 29.6 | 30.0 | 30.5 32.0 | 30.5 | 30 · 6 | 30.8 32.8 | 30 · 8 | 30.9 32.9 | 30.9 | 30.9 32.9 | 30.9 | 30.9 | 30.9 | 31.4 |
| ≥ 18000 ≥ 16000 | 23.7 | 31.0 31.1 | 31.6 31.9 | | 32.0 | 32.9 | 33.1 | 3.1 33.2 | 33. | 33.2 | 33.7 | 33.7 | 33.2 | 33.2 | 33.2 | 33. |
| ≥ 14000 ≥ 12000 | 24.3 24.8 | 31.9 | | 33.3 | 33.4 35.1 | 33.9 | 34.1 35.3 | 34.1 | 34 • 1 35 • 3 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 _35.4 | 34.1 | 34. |
| ≥ 10000 ≥ 9000 | 26.6 | 35.7 36.7 | 36.6 37.7 | 38.6 | 38.2 39.4 | 38.7 | 38.4 39.6 | 38.4 | 38.4 | 38.5 | 38.5 | 38.5 | 38. | 38 • 5 - 39 • 1 | 38. | 39•0 |
| ≥ 8000 ≥ 7000 | 29.7 30.6 | | 41.3 | 44.4 | 43.1 | 43.1 45.5 | 43.4 45.8 | 43.4 | 43.4 | 43.5 | 43.5 | 43.5 | 43.5 -46.4 | 43. | 43.5 | 44. -46.4 |
| ≥ 6000 ≥ 5000 | 33.4 | 46.1 | 45.3 | 46.1 | 47.2 | 47.3 50.0 | | 50.4 | 47.7 | 47.8 50. | 50.5 | 47.8 -50.5 | 47.8 | 50.5 | 50.5 | 48.4 51. |
| ≥ 4500 ≥ 4000 | 34.3 35.4 | 47.7 | 49.5 51.7 | 53.0 | 51.7 54.3 | 51.8 54.4 | 52.2 54.7 | 52.3 54.8 | 52.3 54.8 | 52.4 54.9 | 52.4 _54.9 | 52.4 -54.5 | 52.4 | 52.4 54.9 | | 52.° |
| ≥ 3500 ≥ 3000 | 37,2 39,4 | 53.4 57.1 | 55.3 59.0 | 60.5 | 62.0 | 58 • 1 62 • 2 | 58.4 62.5 | 58.5 _62.6 | 58.5 | 58.6 | 62.7 | 58.6 _62.7 | 62. | 62. | 62. | -63+ |
| ≥ 2500 ≥ 2000 | 41.0 44.9 | 66.9 | 62.7 | 71.9 | | 66.3 74.3 | 74.6 | 66.9 75.2 | 66 • 5 _75 • 2 | 75.3 | 75.3 | 67.0 75.2 | 75. | 75.2 | 75. | 75- |
| ≥ 1800 ≥ 1500 | 45.2 47.0 | 72.0 | 75.3 | 78.3 | 75.1 81.2 | 75.3 81.4 | 75.9 82.7 | 76.2 83.0 | 76.2 | 76.3 83.1 | 76.3 83.1 | 76 • 3 -83 • 1 | 76. | 76.3 83.1 | 76.2 | 76•9 |
| ≥ 1200 ≥ 1000 ≥ 900 | 48.1 | | 79.7 | 81.6 83.2 84.4 | 85.2 86.9 88.1 | 85.6 87.3 | 87.1 | 87.4 89.4 | 87.4 | 87.5 89.5 | 87.5 | 87.5 89.5 | 87. 89. | 87. 89.5 | 87.5 89.5 | 98•1 |
| ≥ 800 | 48.6 48.6 | 78.1 | 81.6 | 85.8 | 90.0 | 91.0 | 92.7 | 91.3 _93.4 94.3 | 91 • 3 93 • 4 | 93.7 | 91.5 93.7 94.5 | 93.5 | 93.9 | 93.9 | , | 92.0 94.4 95.3 |
| ≥ 500 | 48.6 | 79.6 | 82.5 | 86. | 90.9 | 91.5 | 94.6 | 95.1 | 95.8 | 95.4 | 95.4 96.5 | 95.5 | 25.4 | 95.6 | 95.6 | 96+1 |
| ≥ 400 ≥ 300 | 48.6 | 78.6 | | 86.9 | 91. | 92.8 | 25.1 | 96.5 | 96.5 | 97.1 | 97.2 | 97.5 | 97. 98. | 97. | 97. | 98.9 |
| ≥ 100 | 48.6 | 78.7 | | 87.0 | 91.4 | 93.0 | 25.4 | 96.9 | | 97. 97. | 98.0 98.0 | 93. | 98. | 98.5 | 98.5 | -99+6 |
| ž 0 | 48.6 | , | , | 1 | 1 ' ' | 93.0 | 25.4 | 96.9 | | 97. | 98.0 | 98.3 | 1 | 1 - 1 | 1 " | 1100-4 |

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC 101.04 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

13812 RICKENBACKER AFB UH

67-70,73-78

0900-1100

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING | | | | | | | VIS | BILITY (ST. | ATUTE MIL | ESI | | | | | | |
|----------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------|----------------------|--------------|--------------|-----------------------------|--------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2⅓ | ≥2 | 217⁄2 | ≥1% | ≥1 | ≥ 14 | 5,• | ≥ , | ≥5 16 | ≥ . | ≥0 |
| NO CEILING ≥ 70000 | 16.8 18.6 | 24 • 1 26 • 5 | | 26.9 | | 28.1 30.4 | 28.5 30.9 | 28.7 31.1 | 28.7 | 28.8 | | 28 • 8 31 • 2 | 28.9 | 28.9 31.3 | 28.9 31.3 | 29.0 31.4 |
| ≥ 18000 ≥ 16000 | 18.7 18.8 | 26.7 27.1 | 28.7 29.4 | 29.6 30.2 | 30.4 31.1 | 30.8 | 31.4 | | 31.4 32.0 | | 31.5 32.2 | 31.5 | 31.6 | | 31.0 | 31.7 32.4 |
| ≥ 14000 ≥ 1200∪ | 19.4 | 28.2 | 31.4 | 31.7 | 32.6 | 32.9 | 33.3 34.0 | 33.5 34.2 | 33.5 34.2 | 33.7 34.3 | 33.7 34.3 | 33.7 34.3 | 33.8 34.4 | | | |
| ≥ 10000 | 20.3 | 30.8 | | 34.8 | 35.8 35.8 | | 36.4 36.6 | 36.5 36.8 | 36.5 36.8 | 36.6 36.9 | | 36.6 36.9 | | 36.7 37.0 | 36.7 37.0 | |
| ≥ 8000 ≥ 7000 ≥ 6000 | 22.0 23.4 24.5 | 33.9 35.9 | 36.9 | 38.2 40.2 41.9 | 39.5 41.5 43.2 | 30.8 41.8 43.7 | 40.3 | 42.6 | 40.4 | | 42.1 | 40.5 | 40.6 | 42.8 | 42.5 | 42.5 |
| 2 5000 2 4500 | 26.0 | 40.2 | | 45.3 | 46.8 49.5 | 47.3 | 44.1 47.8 50.5 | 44.4 48.2 51.0 | 44.4 | 44.5 48.3 51.1 | 48.3 | 44.5 | 44.6 | | 48.4 | 48.5 |
| ≥ 3500 | 28.0 | 44.4 | 47.8 | 50.1 53.9 | 51.9 55.8 | | 53.0 | 53.4 | 51.0 53.4 57.4 | _53.5 | 53.7 | 51.1 53.7 57.6 | | 53.8 | 51.2 <u>53.8</u> 57.7 | 53.9 |
| ≥ 3000 | 32.2 35.1 | 51.0 55.9 | 54.6 | 58.n | 66.7 | 61.3 | 61.9 | 62.4 | 62.4 | 62.5 | 62.6 | 62.6 | 62.1 | 62.7 | 68.8 | 62.8 |
| ≥ 2000 ≥ 1800 | 38.7 | 62.9 | | 71.7 | 75.1 76.0 | 76.0 77.0 | 77.0 | | | 78.0 | 78.1 | | 78.3 | 78.3 | 78.3 | 78.4 |
| ≥ 1500 | 40.0 40.8 | 65.8 | 73.1 | 76.7 | 80.8 | | 85.2 | | 84.1 | 84.5 | 84.6 | 84.6 | | | 88.1 | 84.9 |
| ≥ 1000 ≥ 900 ≥ 800 | 40.9 | 68.9 | | 81.4 | | 37.6 | 87.6 | 90.6 | 90.8 | | 91.5 | 91.5 | 91.7 | 89.7 91.7 | 89.7 91.7 | 89.9 91.9 |
| ± 700 ± 600 | 40.9 40.9 | 69.1 69.4 69.5 | 75.8 | 82.2 | 87.5 | 89.4 | 91.8 | 93.0 | 92.3 | | | 93.5 | 94.9 | 94.9 | 94.9 | 7 7 |
| > 500 ≥ 400 | 40.9 | 69.8 | 75.9 76.2 76.2 | 82.5 83.0 83.1 | 88.5 88.5 | 90.5 | 93.1 | 95.1 | 94.4 95.2 95.8 | | | 97.2 | 57.6 | 97.6 | | 97.8 |
| ≥ 300 ≥ 200 | 40.9 | 69.8 | 76.2 | 83.1 | 88.6 | 90.6 | | 95.7 | | | 97.7 | 98 • 1 98 • 4 | 98.5 | 98.5 | 98.5 | 98.7 |
| ≥ 100 ≥ 0 | 40.9 | 69.8 69.8 | 76.2 | 83.1 83.1 | 88.6 | 90.6 | | 95.7 | 95.9 | | 98.1 | 98.4 98.4 | 98.9 | 98.9 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC JULIA S-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

13812

RICKENDACKER AFB UIT

7-70.73-78

WORTH C

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1200-1400

| CEILING | | | | | | | VISI | BILITY (STA | TUTE MILL | ES) | | | | | | |
|----------------------------|--------------|----------------------|-----------------------|----------------------|--------------------|---------------|--------------|----------------------------|-------------------|--------------|---------------|-------------|----------------------|--------------|------------------|---------------------------|
| HEI | ≥10 | ≥6 | ≥5 | ≥ 4 | ≥3 | ≥2¹י | ≥2 | ≥17⁄2 | ≥1¼ | 21 | ≥ 1,4 | ≥,• | ≥ ⅓ | ≥ 5-16 | ≥ . | ≥0 |
| NO CEILING ≥ 20000 | 18.0 | 26. | 27.2 | 27.5 31.3 | 27.7 | 27.7 31.5 | 27. | 27. | 27. | 27. | 27.7 | 27. | 27. | 27. | 27. | 27.7 |
| ≥ 18000 ≥ 16000 | 20.5 | 30.2 30.3 | 31.1 31.4 | 31.4 31. | 31.0 | 31.0 31.0 | 13.4 | 31.6 -31.6 | 31.6 | 31.6 31.6 | 31.0 | 31.0 | 31. | 31.6 | 31. | 31.4 |
| ≥ 14000 ≥ 12000 | 20.8 | 32.5 | 31.9 | 32.3 34.7 | 32.0 | 32.6 | 32.6 | 32.0 | 32.6 | 37.6 | 32.0 | 32.4 | 32.0 | -34- | 34. | 14.5 |
| ≥ 10000 | 24.1 | 35.4 | 36.5 36.7 | 36.8 37.0 | 37.4 | 37.1 _37.4 | 37.1 37.4 | 37.1 37.4 | 37.1 -37.4 | 37.4 | 37.1 -37.1 | 37. | 37. | 37.5 37.5 | 37. | 37.1 |
| ≥ 8000 ≥ 7000 ≥ 6000 | 25.6 | 40. | 39.7 41. | 42.0 | 42.9 | 40.9 42.9 | | 40 • 9 42 • 9 43 • 7 | 40.9 | 40.9 42.9 | 41.0 | 43.4 | 41.0 43.0 43.0 | 43.6 | 43.6 | 43.9 |
| ≥ 5000 ≥ 5000 ≥ 4500 | 28.1 29.2 | 41.3 43.4 45.5 | 42 • 3 44 • 47 • 1 | 42.8 45.2 47.5 | 43. 46. 40.0 | 46.1 | 43.7 46.1 | 45.1 48.1 | 46.1 48.7 | 46 | 46. | 46 | 46. | 46. | 46 48 | -46-1 48-8 |
| ≥ 4000 | 32.7 | 47.5 51.1 | | 50.2 | 51.4 | 51.5 | 51.6 55.1 | 51.6 55.1 | 51.6 55.1 | 51 55 | 51.4 | 51. 55. | 55. | 51-4 | 51.4 55.4 | 51 · 4 |
| ≥ 3000 | 38. 42. | 56.0 | | 59.6 | | 69.1 | 69.6 | 61.6 | -61.4 | 62.0 70.0 | 62.2 | -62 70 | 62. | 70 • | 70.1 | -67.•2 70•1 |
| ≥ 2000 ≥ 1800 | 47. | 70.8 | | 76.1 | 78.4 79.5 | 78.6 | | 79.4 80.4 | 79. 30. | 79.1 80. | 81.0 | 79.9 81. | 81. | 80.0 | 80. | 80•0 81•1 |
| ≥ 1500 ≥ 1200 | 49. 50. | 74.6 | 81. | 84.7 | | | 84.9 | 89.1 | 85 89 | 87 | 89.8 | - | | 89.9 | , ~, • | 89.9 |
| ≥ 1000 ≥ 900 ≥ 800 | 50. | | 83.4 | 86.3 | 89.5 | 90.2 91.1 | | 91.6 | 90. 91. 93. | 91. 92. | 91.4 92.4 | 92. | 92. | 92.0 | 91 92.0 94 | 91.3 92.6 |
| ± 700 ≥ 660 | 50.9 50.9 | 79.1 | 85 · 85 · | | 91.6 | 92.7 | 94. | 94.7 | 94.9 | - | 96.1 | 96. | 96. | 96. | 96. | 96.3 |
| ≥ 500 ≥ 400 | 50. | 79.5 | 85.0 | 89. | 92.8 | | | | 96. | 97. 98. | 97.7 | 97. 98. | 98. | 98.0 | 98.(98. | 1 |
| ≥ 300 ≥ 200 | 50. | 79.6 | 85. | 89. | | 94.4 | 96.0 | 97.2 | 97. | 98. | · | 99. | 99. | 99. | 99. | 22.7 |
| 2 100 2 0 | 50. 50. | 79.6 | | 7 89. 7 89. | 93.3 | 94.4 | 96.6 | 97.4 | 97.4 97.4 | 98 | | 99. | 99. | 6 99 | | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC 101 54 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE CASOL

. -

CEILING VERSUS VISIBILITY

13812

(7)

RICKENPACKER AFB OH

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING | | | | | | | VISI | BILITY (STA | ATUTE MIL | ES) | | | | | | |
|-----------------------|--------------|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|
| FEET | ≥ 10 | ≥6 | ≥5 | ≥ 4 | ≥3 | ≥2'5 | ≥ 2 | ≥1/2 | ≥14 | ≥1 | ≥ ⅓ | ≥'₃ | 25 | ≥ 5 16 | ≥. | ≥0 |
| NO CEILING ≥ 20000 | 22.7 24.8 | 28.7 32.0 | 28.9 | 28.9 32.6 | 28.9 | 28.9 32.6 | 28.9 32.6 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 28.5 | 28.9 | 28.9 | 28.9 |
| ≥ 18000 ≥ 16000 | 25.2 25.4 | 37.4 | 32.9 33.8 | 32.9 33.8 | 32.9 33.6 | 32.9 33.8 | 32.9 33.8 | 32.9 33.8 | 32.9 33.8 | 37.9 33.8 | 32.9 | 32.9 | 32.9 | 32.9 33.8 | 32.9 | 32.9 |
| ≥ 12000 | 25.7 | 33.9 35.1 | 34.4 35.8 | 34.4 | 34.4 35.8 | 34.4 35.8 | 34.4 35.8 | 34.4 35.8 | 34.4 35.8 | 34.4 35.8 | 34.4 35.8 | 34.4 35.8 | 34.4 35.8 | 34.4 35.8 | 34.4 35.6 | 34.4 |
| ≥ 10000 | 29.6 29.6 | 39.6 | 39.8 40.6 | | 39 · 8 | 39.8 40.8 | 39.8 40.8 | 39.8 40.8 | 39.8 40.8 | 39.8 40.8 | 39 • £ | 39.8 40.8 | 39.8 40.8 | 39.8 40.8 | 39.8 40.8 | 39.8 |
| ≥ 8000 ≥ 7000 | 30.1 31.6 | 41.3 | 42.5 | 44.2 | 42.0 | 42.5 | 42.6 | 42.6 | 42.6 44.6 | 44.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.0 |
| ≥ 6000 ≥ 5000 | 32.3 33.8 | 43.4 | 45.2 | 45.2 | 45.5 | 45.5 | 45.6 | 45.6 | 45.6 48.4 | 45.6 48.4 | 45.6 48.4 | 45.6 48.4 | 45.6 | 45.6 48.4 | 45.6 48.4 | 45.6 |
| ≥ 4500 ≥ 4000 | 34.6 35.9 | 47.2 49.1 | 49.2 51.4 | 49.2 51.7 | 49.9 52.5 | 49.9 52.5 | 50.0 52.0 | 50.0 52.6 | 50.0 52.6 | 52.6 | 50.0 52.6 | 50.0 52.6 | 50.0 52.6 | | 50.0 52.0 | 50.0 52.0 |
| ≥ 3500 ≥ 3000 | 37.2 41.5 | 51.2 54.9 | 53.7 59.7 | 54.0 60.0 | 54.6 | 54.8 61.4 | 54.9 61.5 | 54.9 | 54.9 61.6 | | 54.9 61.6 | 54.9 61.6 | 54.9 | 54.9 61.6 | 54.9 61.6 | 54.9 |
| 2500 ≥ 2000 | 46.0 50.3 | 62 · P | 74.1 | 74.6 | 68.0 76.8 | 68 • 2 77 • 3 | | 68.3 78.4 | 68.4 78.5 | 68.4 78.7 | 68.4 78.7 | 68.4 78.7 | 68.4 78.9 | | 68.4 78.9 | 68•4 78•9 |
| ± 1800 ≥ 1500 | 50.4 52.3 | 70.5 | 74.7 | 75.4 | 77.6 83.1 | 78.4 83.7 | 78.9 84.5 | 79.6 85.3 | 79.7 85.4 | 79.9 85.6 | 79.9 85.6 | 79.9 85.6 | | | 80.1 85.8 | 80.1 |
| ≥ 1000 | 53.3 | 77.6 | 82.6 83.1 | 84.2 | 86.9 | 87.7 88.7 | 88.9 90.3 | | 90.0 | | 92.3 | 20.2 92.3 | 90.4 92.5 | 90.4 | 90.4 92.5 | 90.4 |
| ≥ 900 ≥ 800 | 53.4 | 78.0 | 83.5 84.1 | 84.7 | 88.6 | 89.6 90.5 | 91.4 | 93.3 | 92.7 | 93.5 | | 94.9 | 95.2 | 95.2 | 93.8 | 93.8 |
| ± 600 ± 600 | 53.7 53.7 | 78.5 | 84.6 | | 90.6 91.5 | | 94.5 | 95.6 | | 96.5 97.5 | 97.5 | 96.5 97.5 | 96.7 97.7 | 97.7 | 96.7 97.7 | 96•7 97•7 |
| ≥ 500 ≥ 400 | 53.7 | 78.7 | 84.6 | 86.8 | 91.6 | 92.9 | | 96.2 | 97.0 | 98.6 | 98.3 98.7 | 98.7 | 98.5 98.9 | 99.0 | 98.6 99.1 | 99.1 |
| ≥ 300 | 53.7 53.7 | 78.7 | 84.7 | 86.9 | 91.8 | 93.0 | 95.1 | 96•3 96•3 | 97.1 | 96.7 | 99.5 | 99.5 | 79.7 | 22.8 | 100-0 | 100-0 |
| ± 0 ≥ 0 | 53.7 53.7 | 78.7 78.7 | | 86.9 86.9 | 91.8 91.8 | 93.0 93.0 | 95.1 95.1 | 96.3 96.3 | | 99.0 99.0 | | 99.5 | 99.7 | | 100.0 100.0 | |

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC 10.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

RICKENDACKER ACH UH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1.800-2000

| CFILING | | | | | | | VIS | BILITY (ST. | ATUTE MILI | ES) | | | | | | |
|-------------------------|--------------|--------------|--------------|--------------|---------------|--------------|----------------|--------------|--------------|--------------------|--------------|---------------|------------|--------------|--------------|------------------|
| FEET | ≥10 | ≥ه | ≥5 | ≥4 | ≥3 | ≥2⅓ | ≥ 2 | ≥117 | 21/4 | ≩۱ | ≥ 1,4 | ≥'• | ≥ ′9 | ≥5 16 | . ≥ • | ≥0 |
| NO CEILING ≥ 20000 | 28.0 | 37.6 | 33.8 | 33.1 36.0 | | 33.8 | 33.6 35.6 | 33 · 8 | 33.4 | 33.9 | 33.9 | 33.9 | 33.9 | 33. | 33.9 -36. | 33.9 36.7 |
| ≥ 18000 ≥ 16000 | 30.7 31.1 | 36.7 37.2 | 37.1 37.6 | 37.6 | 37. | 37.1 37.6 | 37.1 | 37.1 | 37. | 37.2 37. | 37. | 37. | 37. | 37. | 37. | 37•2 |
| ≥ 14000 ≥ 12900 | 31.3 32.0 | 37.7 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0 | 38.6 | 38.0 | 38.1 | 38 · | 38. | 38. | 38. | 38. | 38• 39• |
| ≥ 10000 ≥ 9000 | 34.5 | 42.7 | 42.5 | 42. | 42.5 | 42. | 42 • 42 • 1 | 42. | 42 | 42.0 | 42.0 | 42.1 | 42.0 | 42. | 42.6 | 42-4 |
| ≥ 8000 ≥ 7000 | 35.5 36.2 | 44.6 | 45.0 | 45.4 | 45.5 | 45.0 | 45.0 | 45.2 | 45.0 | 45 • 3 - 46 • 3 | 45. | 45. | 45. | 45. | 45. | 45•2 46•4 |
| ≥ 6000 ≥ 5000 | 37.3 38.5 | 47.0 | 49. | 49.7 | 49.8 | 47.8 50.0 | 48.0 50.1 | _50-1 | 46.0 50.1 | 48 · 50 · 1 | 50.2 | 48. 50. | 48 · | 48 • 50 • | 48. | 48 • 1 50 • 7 |
| ≥ 4560 ≥ 4000 | 40.7 | 51.7 53.9 | 52.4 54.8 | 52.4 54.8 | 52.0 55.1 | 55.4 | 53.2 55.5 | 53. | 53.2 55.5 | 53. 56. | 53.3 56.0 | 53•: _56•: | 53. 56. | 53. | 53. | 53.4 -56.9 |
| ≥ 3500 ≥ 3000 | 45.2 | 61.6 | 57.6 62.7 | 57.8 | 58.0 _62.5 | 58.3 | 58.6 63.6 | 63.1 | 58.8 | 58.° | 58.9 63.9 | 58.9 63.9 | 58. | 58.0 | 63.9 | 58.9 63.9 |
| ≥ 2500 ≥ 2000 | 52.6 56.7 | 75.4 | | 69.5 77.5 | 69.6 78.6 | 73. | 70 • 79 • | 70 • 79 • | 70.7 | 70.4 | 70.6 | 79. | 70.1 | 79. | 79+4 | 79-4 |
| ≥ 1800 ≥ 1500 | 56.9 59.5 | 79. | 81. | 78.0 82. | 84.1 | 79. 85. | 80 • . 86 • | 80. | 80.3 86.1 | 80. | 80.4 | 80. | 80. | 80. | 86. | 86.7 |
| ≥ 1200 ≥ 1000 | 61.0 | 83.4 | 85. | 85.6 | 89.6 | 90. | 91. | 89. 91. | 89.3 91.3 | 89.4 91. | 89.4 91.5 | 89.4 91.4 | 21.4 | 91.0 | 91.4 | 89.4 91.4 |
| ≥ 900 ≥ 800 | 61.1 | 83.9 | 87.0 | | | 92.8 | 93. | 93.0 | 93.8 | 94.0 | 94.0 | 95. | 94. | 95. | 95.0 | 94.1 |
| 2 600 | 61.2 | 84.8 | 87.7 | · | 93.2 | 94.8 | 95.6 | 97.0 | 96.2 | 96 • 98 • 98 • • | 96.8 | 98. | 98. | 96. 98. | 96.1 98. | 96.9 |
| ≥ 500 ≥ 400 ≥ 300 | 61.2 | 84.8 | 57. | 90.4 | 93.5 | 95.2 | 90.6 | 97.4 | 97.8 98.0 | 98.0 | , | 98.0 | 98.9 | 98. | 98.9 | 98.6 98.9 |
| ≥ 200 | 61.2 | 84.5 | .870 | 90.4 | 93.5 | 95. | 90.06 | 97.4 | 96.0 | 99.0 | 99.4 | 99. | 99. | 99. | 99. | 7 - 7 |
| 2 100 | 61.2 | 84.5 | 1 | 90.4 | | 1 | 95.6 | J | 98.0 | 99.0 | 1 ' | 99 | 99. | | | 100-0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS

CEILING VERSUS VISIBILITY

13812

RICKENBACKER AFB OH

c7-70,73-78

___DEC__

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21,00=2300

| CEIUNG | | | | | | | ViSI | BILITY (STA | JUTE MILE | ES) | | | | | | |
|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-------------------|----------------------|--------------|----------------------|--------------|--------------|--------------|--------------|--------------|----------------------|-------------------|
| FEET | ≥10 | ≥6 | ≥ 5 | ≥4 | ≥3 | ≥2 ¹ 7 | ≥ 2 | ≥1% | 21% | ≥ı | ≥ 14 | ≥,• | ۷. ₹ | ≥5 16 | ≩ ∙ | ¢ 0 |
| NO CEILING ≥ 20000 | 30.9 | 36.6 38.1 | 36.6 38.1 | 36.6 38.1 | 36.6 38.1 | 36.6 38.1 | 30.4 38.1 | 36.6 38.1 | 36.6 38.1 | 36.6 38.1 | 36.6 38.1 | 33.1 | 36.6 38.1 | 38.1 | 38.2 | 36 • 7 _38 • 2 |
| ≥ 18000 ≥ 16000 | 31.6 | 38.3 38.8 | 38.3 38.8 | 38.3 | 38.8 | 38.3 | 38.3 38.8 | 38.3 | 38.3 | 38.3 38.8 | | 38.3 38.8 | | 38.3 | 38.9 | |
| ≥ 14000 ≥ 12000 | 32.9 | 39.9 40.8 | 39.9 40.8 | 39.9 40.9 | 39.9 40.9 | 40.9 | 39.9 40.9 | 39.9 40.9 | 39.9 40.9 | 39.9 40.9 | 40.5 | 40.0 | 40.9 | 40.9 | 41.0 | |
| ≥ 10000 ≥ 9000 | 35.3 35.3 | 43.1 43.6 | 43.3 | 43.4 | 43.4 43.8 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | | | | 43.5 | 43.4 |
| ≥ 8000 ≥ 7000 | 37.6 39.1 | 46.8 | 46.9 | 48.8 | 47.1 | 47.1 48.9 | 47.1 | 47.1 48.9 | 47.1 | 47.1 48.9 | 47.1 | | | | 47.2 | 49.0 |
| ≥ 6000 ≥ 5000 | 39.9 40.8 | 49.7 51.1 | 49.9 51.3 | 51.5 | 50.4 51.8 | 50.2 51.8 | 50.2 51.8 | 51.8 | 50.2 51.8 | 51.8 | | 51.5 | 21.0 | 51.0 | 51.9 | 50•3 |
| ≥ 4500 ≥ 4000 | 43.9 | 58.0 | 55.0 58.4 | 55.1 | 55.0 58.9 | 55.6 58.9 | 55.7 59.0 | 55.7 59.0 | 55.7 59.0 | 59.0 | | | | 55.7 59.0 | 55.8 59.1 | _59.1 |
| ≥ 3500 ≥ 3000 | 48.2 52.2 56.2 | 64.9 | 60.8 65.5 72.5 | 61.1 65.9 | 61.5 66.5 73.8 | 61.5 | 66.7 | 66.7 74.0 | 61.6 66.7 74.0 | 66.7 | 61.6 66.7 | 61.6 66.7 | 66.7 74.0 | 61.6 | 61.7 66.8 74.1 | 66.5 74.1 |
| ≥ 2500 ≥ 2000 | 60.6 | 71.7 78.9 79.9 | 79.0 | 73.1 80.4 81.6 | 81.1 | 73.9 81.3 | 74.0 81.7 | 81.7 83.0 | 81.7 | 81.7 83.1 | 81.7 83.1 | 81.7 | 81.7 | 81.7 | 81.8 | 81.5 |
| ≥ 1800 ≥ 1500 | 62.7 | 82.5 | 83.5 | 84.6 | 85.3 | 85.5 89.1 | 83.0 86.1 89.9 | 86.1 90.0 | 36.1 90.0 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3 90.2 | 86.2 |
| ≥ 1200 ≥ 1000 | 64.1 | 85.9 86.4 | 87.5 88.5 | 88.8 | 90.3 | 90.5 | 91.3 | | 91.5 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 |
| ≥ 800 | 64.2 | 86.5 | 88.9 | 90.3 | 92.0 | 92.6 | | | 94.1 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 | 94.4 |
| 2 600 | 64.3 | 87.3 | 89.9 | | 94.6 | 95.5 | | 97.2 | 97.4 98.1 | | 97.7 | 97.7 | 97.8 | 97.8 | | 98.0 |
| ≥ 500 ≥ 400 ≥ 300 | 64.3 | 87.4 | 90.1 | 91.9 | 95.0 | 96.0 | 97.4 | 98.2 | 98.4 98.4 | 98.8 | 98.9 | 98.9 | 99.2 | 99.2 | 99.4 | 99.4 |
| 2 200 | 64.3 | 87.4 | 90.1 | 91.9 | 95.0 | 96.0 | 97.4 | 98.2 | 98.5 | 99.1 | 29.2 | 99.2 | 99.7 | 99.1 | 99.8 | 1 1 |
| 2 0 | 64.3 | | | 91.9 | | | | | 98.5 | | 99.2 | | 99. | | 1 | 100-0 |

TOTAL NUMBER OF OBSERVATIONS

02

TISAF FIAC NO 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

13812

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| | | | | | | | VISI | BILITY ISTA | ATUTE MILE | (5) | | | | | | |
|-----------------------|--------------|----------------|--------------|-----------------|----------------|----------------|----------------|------------------|------------------|------------------|------------------|----------------|------------|--------------|---|----------------------------|
| CEILING FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2'7 | ≥ 2 | ≥175 | راا≤ | ≧I | ≥ 3. | ≥,• | د ≤ | ≥5 16 | ≥ . | ≥0 |
| NO CEILING ≥ 70000 | 24.0 | 30.3 | 31. | 31. | 31. | 31.6 | 31. | 31. | 31. | 31.7 | 31. | 31.7 | 31. | 31.7 | 31. -34. | 31.9 |
| ≥ 18:000 | 25.6 25.8 | 33.7 | 33.4 | 34.1 | 34.4 | 34.4 | 34.5 | 34. | 34. | 34 · | 34.5 | 34 · | 34.0 | 34.6 | 34. | 34.7 |
| ≥ 16000 | 25.9 26.4 | 34.4 | 34.4 35.1 | 35.4 | 35.0 | | 34.9 | 35.6 | 35.8 | 35. | 35.4 | 35. | 35.6 | 35.8 37.4 | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | .6.0 37. |
| ≥ 10000 | 26.9 28.7 | 35.4 | 36 · 2 | 36. 39. | 36. | 36.6 | 30.0 | 36. | 36.5 | 36. 39. | 36. | 36.9 | 39• | 39. | 39. | 39.9 |
| ≥ 9000 | 29.1 30.8 | 38.7 | 39.6 | 40.0 | 43.4 | 40. | 43.0 | 40.40.4 | 43.0 | | 43. | 40. | 43. | 43. | 43. | 40•4 |
| ≥ 5000 | 32.1 | 43.3 | 44.4 | 44.1 | 45. | 45. | 46.8 | 45. | 45. | 45. | 45.9 | _45.° | 40. | 46.9 | | |
| £ 5000 ≥ 4500 | 34.8 | 47.1 | 48.4 50.9 | 48. | 52.0 | 49. | 52. | 52. | 52. | 49. 52. | 8 49.4 4 52.4 | 52.49.5 | 52. | 52.5 | _49.5 52. | 52.0 |
| ≥ 4000 | 38. | 51.5 | 1 - | 56. | 54. | 54. | 55. | 55. | -55. | 55. | 2 55.4 1 58.1 | 55. 58. | 55. 58. | 55. | -55. 88. | -55•4 58•7 |
| ≥ 3000 | 39.6 43.6 | 57.4 | 61. | 68. | 69 | 63. | 630 | 70. | 63. | 63. | 8 63 · 8 | -63. 70. | 70. | 70. | | 70. |
| ≥ 2500 ≥ 2000 | 51. | 71.09 | 74. | 4 76. | 77. | 78. | 78. | 78. | 78. | 79. | 79. | 79. 80. | 79. | 79. | 79. | 79 - |
| ≥ 1800 ≥ 1500 | 51.4 | 76. | 75. | 4 77.1 1 81. | 83. | 779. | 1 79. 8 84. | 85. | d_85. | 1 85. | 2.85. | 85 | 85. | 4.85. | 85. | 85 |
| ≥ 1700 ≥ 1000 | 54. | | 81. | 8 85. | 3 88. | 4-2 | 88. | 4 88 • 9 90 • | 7 88. 3 90. | 90. | 90. | 90. | 90. | 90. | 90. | 91- |
| ≥ 900 ≥ 800 | 54. | -1 | 84. | 4 87. | 89. 2 90. | 3 91. | 1 91. 1 92. | 4 91. 7 93. | 92. | | 9 -94+1 | 94. | 94. | 1 94 - | 94. | 95. |
| ≥ 700 ≥ 600 | 54. | 6 80. 7 81. | | 9 87. 1 88. | 8 91. 3 91. | | d_944 | 7 95. | | 96. | 7 96. | 96. | 96. | 96. | 97. | 97. |
| ≥ 500 ≥ 400 | 54. | 7 81. 7 81. | | 4 88. 5 88. | | 4 93. 5 93. | 5 95. 7 95. | 4 96• 7 96• | 4 96 • 9 97 • | 2-98. | 1 98. | 97. | 4 98. | 7 98+ | 4-93. | 98• |
| ≥ 300 ≥ 200 | 54. 54. | 7 81. | 3 85. | | | 6 93. | H 95. | 9_97. | 0 97. | 5_98. | | 99. | d 99. | 3.99. | 9 98. | |
| ≥ 100 ≥ 0 | 54. | | | | 8 92. | 6 93 • | | 9 97. | 1 97. | 5 98 • 5 98 • | 6 98. | 999. | d 99. | -1 | | 4100• 7100 • |

TOTAL NUMBER OF OBSERVATIONS

743

USAF ETAC 11-54 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLI

CEILING VERSUS VISIBILITY

13812 RICKEHRACKER AFB OH

AND THE PROPERTY OF THE PARTY O

67-70,73-79

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

| CEILING | | | | | | 7 | VIS | IBILITY (STA | ATUTE MIL | ES: | | | | | | |
|--|--------------|--------------|--------------|--------------|----------------------|--------------|----------------------|--------------|--------------|--------------|--------------|--------------|------------------|--------------|----------------------|------------------|
| FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2'2 | ≥ 2 | 21'7 | ≥1.4 | ≥1 | ≥ *• | ≥'• | ≥. | ≥5 16 | ≥ . | ≥0 |
| NO CEILING | 30.0 32.2 | 41.8 | 43.7 | 45.1 | 40 · 3 | 46.7 50.7 | 47.2 51.3 | 47.4 51.6 | 47.5 51.7 | 47.6 51.8 | | 47.8 | 47.9 52.0 | 47.9 52.1 | 48.0 | 48 • I 52 • 3 |
| ≥ 18000 ≥ 16000 | 32.5 32.8 | 45.7 46.1 | 47.8 48.3 | 49.4 | | 51.1 51.6 | 51.7 | 52.5 52.5 | 52.5 | 52.2 52.7 | 52.3 52.0 | 52.3 52.8 | 52.5 52.9 | 52.5 52.9 | 52.6 53.0 | |
| ≥ 14000 ≥ 12000 | 33.3 34.1 | 47.0 | | 50.H 52.2 | 52.2 53.4 | 52.6 54.1 | 53.2 54.7 | 53.5 55.0 | 53.6 55.1 | 33.8 55.2 | 53.4 55.3 | 53.9 55.3 | 54.0 55.4 | 54.d 55.5 | 54.1 55.0 | 54 • 3 55 • 7 |
| ≥ 10000 ≥ 9000 | 35.8 | 50.9 51.5 | 54.0 | 55.1 55.7 | 56.7 57. | 57.1 57.7 | 57.8 58.4 | 58.1 58.7 | 58.2 58.8 | 58.3 58.9 | | 58.5 59.1 | 58 • 6 59 • 2 | 58.6 59.7 | 58.7 59.3 | 58.9 59.5 |
| ≥ 8000 ≥ 7000 | 37.6 38.6 | 55.3 | 58.1 | 58.4 60.0 | | 62.2 | 62.9 | 03.3 | 63.4 | 61.8 63.5 | 63.6 | 63.7 | 63.8 | 62.1 63.8 | 62.2 63.2 | - 1 |
| \$ 6000 \$600 | 39.5 40.8 | 58.8 | 59.5 | 63.9 | 63.; 65.7 | 63.8 60.3 | 64.5 67.0 | 64.5 | 64.9 67.5 | 65.1 67.7 | 67.8 | 65.2 67.8 | 55.3 68.0 | 65.4 68.d | 65.5 68.1 | 68.3 |
| ≥ 4500 ≥ 4000 ≥ 3500 | 42.1 43.6 | 03.5 | 66.9 | 69.2 | 68.2 71.4 73.6 | 72.0 74.5 | 69.5 72.8 | 69.9 73.2 | 70.0 73.4 | 70.2 | 73.7 | 70.4 | 70.5 73.8 | 70.5 73.9 | 70.6 _74.0 | 74.2 |
| ≥ 3500 ≥ 3000 ≥ 2500 | 46.7 48.2 | 68.7 | 72.5 | 75.1 75.2 | 77.6 | 78.3 81.5 | 75.3 | | | | 80.1 | 76.2 80.1 | 76.4 | 80.3 | 76.5 80.4 | |
| ≥ 2000 | 49.5 | 74.4 | | 81.8 | 84.6 | 85.5 | 82.5 86.6 87.2 | 87.1 | 83.1 87.3 | 87.6 | 87.7 | | 83.6 27.9 | 83.7 87.9 | 83.8 U.88_ | 88.2 |
| ± 1500 | 50.4 | 76.6 | 7 | 84.6 | | | 89.9 | 90.5 | 90.7 | 91.0 | 91.2 | 91.2 93.3 | 91.3 93.5 | 91.4 93.5 | 88.7 91.5 93.6 | 91.7 |
| ≥ 500 ≥ 500 | 50.9 | 78.2 | 83.2 | 86.8 | 90.4 | 91.4 | | 93.6 | 93.9 | 94.2 | 94.4 | 94.5 | 94.6 | 94.7 | 94.8 95.6 | 95.0 |
| 2 800 | 51.0 | 78.8 | 83.9 | 87.7 | 91.5 | | | 95.1 | 95.4 | 95.8 | 96.1 | 96.8 | 26.3 | . V.12 | _96.4 | 26.6 |
| 2 500 | 51.0 51.0 | 78.9 | | 88.Z 88.4 | 92.5 | 93.8 | 95.4 | 96.7 | | 97.7 | 97.4 | 97.5 93.1 | | 97.7 | 97.9 | 98.1 |
| 2 4°X0 2 300 | 51.0 | 79.0 79.0 | 84.3 | 88.4 | 92.5 | 93.9 | 95.9 | | 97.5 | 98.2 | 98.4 | 98.5 98.7 | | 98.8 | 98.9 | 99.2 |
| ± 700 ± 100 ± 0 | 51.0 51.0 | 79.0 | 84.2 | 88.4 88.4 | 92.5 | - • | 95.9 | | 97.5 97.5 | 98.3 | 98.7 | 98.8 | 99.1 | | 99.5 | |
| ــــــــــــــــــــــــــــــــــــــ | 21.00 | 1700 | 0702 | 00.4 | 92.5 | 34.0 | 95.9 | 97.1 | 97.5 | 98,3 | 98.7 | 98.8 | _22.1 | 99.2 | 29.5 | 100*0 |

TOTAL NUMBER OF OBSERVATIONS

87625

USAF ETAC 1000 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORDER

TOTAL SKY COVER

FOR THE PERIOD OF RECORD 1971 AND LATER THE AIRWAYS
SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED
WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

SKY COVER

13912 RICKENBACKER AFB OH

73-79

JAN

PERCENTAGE FREQUENC: OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS | | | | PERCENTAGI | FREQUENC | Y OF TENT | HS OF TOTAL | SKY COVER | | | | MEAN | TOTAL |
|-------|--------------|------|---------|----------|------------|----------|-----------|--|-----------|----------|------|------|------------------------|---------------|
| MONIH | (L 5.T.) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | ţ | 10 | TENTHS OF SKY COVER | NO. OF OBS |
| JAN | 00-02 | 19.5 | | | 9.8 | | | | | | 8.7 | 62.1 | 7.3 | 640 |
| | 03-05 | 16.2 | | ļ | 9.3 | | | | | | 11.2 | 63.3 | 7.6 | 643 |
| | 06-08 | 12.9 | | | 12.1 | | | | | <u> </u> | 11.0 | 64.6 | 7.8 | 64 |
| | 09-11 | 7.2 | | ļ | 14.8 | | | ļ | | ļ | 15.2 | 62.8 | 8.1 | 650 |
| | 12-14 | 4.6 | <u></u> | <u> </u> | 16.9 | · | | ļ | <u> </u> | <u> </u> | 16.3 | 62.2 | 8.2 | 650 |
| | 15-17 | 7.1 | ļ | <u> </u> | 15.4 | | | ļ | ļ | | 17.4 | 60.2 | 8.0 | 65 |
| | 18-20 | 15.8 | | ļ | 15.4 | | | <u> </u> | | | 12.9 | 55.8 | 7.2 | 6,5 |
| | 21-23 | 21.1 | | | 10.5 | | | | | | 11.3 | 57.1 | 7.0 | 64 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | <u> </u> | | | | | | | | | | | | | |
| 10 | TALS | 13.1 | | | 13:0 | | | | | | 13.0 | 60.9 | 7.7 | 5187 |

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

C

Parting the second

SKY COVER

| 13812 | RICKENBACKER | AFB | 011 |
|---------|--------------|--------|--------|
| STATION | | STATIO | N NAME |

73-79

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSCRVATIONS)

| монтн | HOURS | | | | PERCENTAGI | FREQUENC | Y OF TENT | HS OF TOTAL | SKY COVER | | | | MEAN | TOTAL |
|-------|--------------|--|-------------|----------|--|----------|-----------|-------------|-----------|-------|------|--------------|-----------|---------------|
| MONIA | (L.S.T.) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | SKY COVER | NO, OF OBS |
| FLB | 00-02 | 23.4 | | | 13.7 | | | | | | 11.0 | 51.9 | 6.6 | 591 |
| | 03-05 | 24.9 | | | 10.3 | | | | | | 10.0 | 54.8 | 6.7 | 59 |
| | 06-08 | 13.4 | | | 14.2 | | | ļ | | | 15.6 | 56.8 | 7.5 | 590 |
| | p9-11 | <u>11.7</u> | | | 10.0 | | | ļ | | | 19.9 | 55.4 | 7.8 | 58 |
| | 12-14 | 5.4 | | <u> </u> | 23.2 | | | | | | 21.3 | 50.1 | 7.6 | 59 |
| | 15-17 | 7.3 | | ļ | 20.3 | | | ļ | ļ | | 20.8 | 51.6 | 7.6 | 59 |
| | 18-20 | 11.9 | | ļ | 20.9 | : | | <u> </u> | | [| 19.7 | 47.5 | 7.2 | 58 |
| | 21-23 | 19.6 | | | 18.7 | | | | | | 14.3 | 47.4 | 6.6 | 58 |
| | | <u> </u> | | | | | | - | | | | <u> </u> | | |
| | | | | <u> </u> | | | | | | | | | | |
| | ' | | | | | | | | | | | | | |
| 10 | TALS | 14.3 | | | 17.2 | | | | | | 16.6 | 51.9 | 7.2 | <u> </u> |

USAFETAC JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

| 1 | 3 | 8 | ı | 2 | |
|---|----|-----|----|---|--|
| | TA | lic | 'n | - | |

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MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS | | | | PERCENTAGE | FREQUENC | CY OF TENT | HS OF TOTAL | L SKY COVER | | | | MEAN | TOTAL |
|--------|----------|------|--|----------|------------|----------|------------|-------------|-------------|----------|----------|------|------------------------|---------------|
| MOIVIN | (L S.T.) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | TENTHS OF SKY COVER | NO. OF OBS |
| MAR | 00-02 | 22.0 | ······································ | | 12.5 | | ļ | <u> </u> | | | 15.1 | 50.4 | 6.8 | 55 |
| | 03-05 | 23.0 | | | 9.4 | | | ļ | | | 12.5 | 55.2 | 6.9 | 55 |
| | 06-08 | 13.0 | | | 15.2 | | | | | | 15.3 | 56.5 | 7.5 | 55 |
| | 09-11 | 11.5 | | | 17.0 | | | | | | 15.9 | 55.6 | 7.5 | 55 |
| | 12-14 | 10.0 | | | 16.8 | | | | | | 18.5 | 54.7 | 7.6 | 55 |
| | 15-17 | 7.5 | | | 15.6 | | | | | | 24.4 | 52.5 | 7.9 | 55 |
| | 18-20 | 11.8 | | | 17.6 | | | | | | 20.5 | 50.1 | 7.4 | 55 |
| | 21-23 | 18.1 | | | 18.5 | | | | | | 15.2 | 48.2 | 6.7 | 55 |
| | - | | | - | | | | ļ | | <u> </u> | <u> </u> | ļ | | |
| | | | | <u> </u> | | | | <u> </u> | | | | | | |
| | | | ··· | | | | <u> </u> | | <u> </u> | | - | | | |
| TO: | TALS | 14.6 | | | 15.3 | | | | | | 17.2 | 52.9 | 7.3 | 445 |

USAFETAC FORM 0 9-5 (OL A) FREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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SKY COVER

| STATION STATION NAME PERIOD WOMIN | 13812 STATION | RICKENBACKER AFB UH | 73-78 PERIOD | APR |
|-----------------------------------|------------------|---------------------|--------------|-----|
|-----------------------------------|------------------|---------------------|--------------|-----|

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| монтн | HOURS | | | | PERCENTAGE | FREQUENC | CY OF TENT | HS OF TOTA | L SKY COVER | t | | | MEAN TENTHS OF | TOTAL NO. OF |
|-------|----------|------|---|----------|------------|-------------|------------|------------|--------------|----------|------|------|-------------------|-----------------|
| MONIN | (L.S.T.) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | SKY COVER | O85 |
| ΔΡΚ | 00-02 | 34.9 | | | 13.5 | | | | | | 13.5 | 38.0 | 5.4 | 53 |
| | 03-05 | 31.2 | | | 16.5 | | | | | | 11.7 | 40.5 | 5.6 | 53 |
| | 06-08 | 18.8 | | | 18.2 | | | | | | 20.5 | 42.5 | 6,6 | 53 |
| | 09-11 | 17.1 | | <u> </u> | 20.6 | | | ļ | ļ | | 16.7 | 45.6 | 6.7 | 53 |
| | 12-14 | 13.9 | | | 22.6 | | | ļ. <u></u> | | <u> </u> | 17.0 | 46.5 | 6.9 | 54 |
| | 15-17 | 10.7 | | | 22.2 | | | | | | 20.9 | 46.1 | 7.2 | 54 |
| | 18-20 | 15.4 | | | 20.2 | | | | | <u> </u> | 16.3 | 48.1 | 6.9 | 54 |
| | 21-23 | 25.9 | | | 16.9 | | | | ļ | | 13.3 | 43.9 | 6.1 | 54 |
| | | | | | | | | | | ļ | | | | |
| | | | | | + | | | | <u> </u> | | | | | |
| | | | | | | | | | | | - | | | |
| 10 | TALS | 21.0 | | | 18.8 | | | | | | 16.2 | 43.9 | 6.4 | 431 |

USAFETAC FORM 101 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

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13812 RICKENBACKER AFB UH

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS | | | | PERCENTAG | FREQUEN | CY OF TENT | HS OF TOTAL | L SXY COVER | | | | MEAN TENTHS OF | TOTAL NO. OF |
|-------|----------|------|---|---|-----------|---------|--------------|----------------|-------------|---|--------------|------|-------------------|-----------------|
| MONTH | (L.S.T.) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | SKY COVER | 085. |
| HAY | 00-02 | 32.0 | | | 16.9 | | | | | | 13.3 | 37.9 | 5.5 | 557 |
| | 03-05 | 24.9 | | | 23.6 | | | | | | 13.3 | 38.2 | 5.7 | 555 |
| | 80-20 | 16.4 | | | 25.0 | | | | , | | 18.4 | 40.2 | 6.4 | 555 |
| | 09-11 | 15.4 | | | 23.2 | | | ļ | | | 23.0 | 38.4 | 6.6 | 557 |
| | 12-14 | 7.3 | | | 22.4 | | | | | | 31.9 | 38.4 | 7.4 | 558 |
| | 15-17 | 5.0 | | | 25.1 | | | | | | 30.6 | 39.2 | 7.4 | 558 |
| | 18-20 | 10.9 | | | 22.4 | | | <u> </u> | | | 21.3 | 45.3 | 7.1 | 558 |
| | 21-23 | 24.2 | | | 18.6 | | <u> </u> | - | <u> </u> | | 16.3 | 40.9 | 6.1 | 558 |
| | | | | | - | | | - | | | | - | | |
| | | | | | | | - | - | | | | | | |
| | | | | | | | | | | | | | | |
| το | TALS | 17.0 | | | 22.2 | | | | | | 21.0 | 39.8 | 6.5 | 4456 |

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

13812 RICKENBACKER AFB OH

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| монтн | HOURS | | | | PERCENTAGE | FREQUENC | CY OF TENT | HS OF TOTA | L SKY COVER | 1 | | | MEAN TENTHS OF | TOTAL NO OF |
|-------|----------|------|---------------------------------------|---|------------|------------|------------|------------|--|---|--------------|--------------|-------------------|----------------|
| | (L.S.T.) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | SKY COVER | O85. |
| JUN | 00-02 | 33.4 | | | 24.7 | | | ļ | ļ | | 15.7 | 26.2 | 4.8 | 52 |
| | 03-05 | 26.8 | | | 24.9 | | | ļ | | ļ | 20.9 | 27.5 | 5.4 | 52 |
| | 06-08 | 13.8 | | ļ | 26.4 | | | ļ | | | 25.4 | 34.4 | 6.5 | 52 |
| | 09-11 | 14.9 | | ļ | 26.7 | | ļ } | | ļ | ļ | 24.0 | 34.4 | 6.4 | 52 |
| | 12-14 | 2.8 | | ļ | 31.4 | | | <u> </u> | | | 33.0 | 32.8 | 7.2 | 53 |
| | 15-17 | 1.5 | | | 34.4 | | | | | | 36.1 | 28.0 | 7.1 | 540 |
| | 18-20 | 5.6 | | ļ | 34.0 | | | | | | 29.1 | 31,4 | 6.8 | 539 |
| | 21-23 | 24.0 | · · · · · · · · · · · · · · · · · · · | | 30.1 | . <u> </u> | | | ļ | | 18.4 | 27.5 | 5.3 | 5 3 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | - | | |
| | | | | | | | | | | | | | | |
| 101 | TALS | 15.4 | | | 29.1 | | | | | | 25.3 | 30.3 | 6.2 | 425 |

USAFETAC FORM 0.9-5 (OL.A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOITE

SKY COVER

| 12012 | 0.104510.46450 | A = 0 (1) (|
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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS | | | | PERCENTAGE | FREQUEN | CY OF TENY | HS OF TOTA | L SKY COVER | | | | MEAN TENTHS OF | TOTAL NO. OF |
|-------------|----------|------|---|---|--------------|---------|------------|------------|-------------|----------|------|--------------|-------------------|-----------------|
| MONTH | (L.S.T.) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | SKY COVER | OBS |
| JUL | 00-02 | 40.3 | | | 24.7 | | | <u> </u> | | | 14.0 | 21.0 | 4.1 | 53 |
| | 03-05 | 33.1 | | | 26.3 | | | ļ | ļ | | 17.5 | 23.1 | 4.7 | 53 |
| | 06-08 | 19.9 | | ļ | 29.5 | | | ļ | ļ | | 22.2 | 28.4 | 5.7 | 53 |
| | 39-11 | 15.9 | | | 34.8 | · | | ļ | | <u> </u> | 21.2 | 28.0 | 5.8 | 54 |
| | 12-14 | 3.4 | | | 40.3 | | | ļ | ļ | | 30.6 | 25.6 | 6.5 | 55 |
| | 15-17 | 3.0 | | | 41.7 | | | | | | 28.2 | 26.6 | 6.4 | 55 |
| | 18-20 | 11.8 | | | 33.7 | | | <u> </u> | | | 24.3 | 30.3 | 6.2 | 55 |
| | 21-23 | 30.1 | | | 25.0 | | | ļ | | | 20.8 | 24.1 | 5.0 | 54 |
| | <u> </u> | | | | | | | <u> </u> | | ļ | | | | , |
| | | | | | | ···· | | | | | | | - | |
| | | | | | | ***** | | | 1 | | 1 | | | |
| τo | TALS | 19.8 | | | 32.0 | | | | | | 22.4 | 25.9 | 5.6 | 435 |

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

| 13812 | RICKENBACKER | AFB | OH |
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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS | | | | PERCENTAG | E FREQUEN | CY OF TENT | HS OF TOTA | L SKY COVER | | | | MEAN TENTHS OF | TOTAL |
|---|----------|------|-------------|----------|-----------|-----------|------------|------------|-------------|---|------|------|-------------------|--------------|
| MONIA | (L S.T) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | SKY COVER | NO OF OBS |
| AUG | 00-02 | 32.7 | | | 20.4 | | | | | | 20.4 | 26.4 | 5.1 | 55 |
| | 03-05 | 31.0 | | ļ | 21.3 | | | | | | 14.1 | 33.6 | 5.3 | 539 |
| | 06-08 | 16.2 | | | 27.3 | | | ļ | ļ | | 23.1 | 33.5 | 6.2 | 53 |
| | 09-11 | 14.8 | | | 29.1 | | | ļ | | | 24.4 | 31.8 | 6.2 | 55 |
| | 12-14 | 4.1 | | | 31.4 | | | | | | 30.8 | 33.7 | 7.1 | 55 |
| | 15-17 | 4.1 | | | 35.8 | | | ļ | | | 34.4 | 25.6 | 6.7 | 55 |
| | 18-20 | 11.5 | | | 32.9 | | | | | | 27.3 | 28.4 | 6.3 | 55 |
| • | 21-23 | 25.0 | | <u> </u> | 28.1 | | | | | | 21.3 | 25.6 | 5.3 | 55 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| το | TALS | 17.4 | | | 28.3 | | | | | | 24.5 | 29.8 | 6.0 | 4400 |

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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SKY COVER

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| монтн | HOURS | | | | PERCENTAG | E FREQUEN | CY OF TENT | HS OF TOTA | L SKY COVER | ₹ | | | MEAN TENTHS OF | TOTAL NO OF |
|-------------|----------|------|---|----------|-----------|-------------|------------|--|-------------|--------------|------|--------------|-------------------|----------------|
| | (L.S.T.) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | SKY COVER | 085. |
| SEP | 00-02 | 39.0 | | | 17.9 | | | <u> </u> | ļ | | 15.3 | 27.8 | 4.7 | 53 |
| | 03-05 | 37.3 | | ļ | 18.7 | | ļ | | | | 11.0 | 33.0 | 4.9 | 50 |
| | 06-08 | 19.6 | | | 25.4 | | | <u> </u> | | <u> </u> | 18.0 | 37.0 | 6.1 | 50 |
| | 29-11 | 19.5 | | | 24.0 | | | | | | 22.9 | 33.0 | 6.1 | 53 |
| | 12-14 | 12.6 | | | 25.2 | <u></u> | | | | | 31.7 | 30.6 | 6.7 | 54 |
| | 15-17 | 10.0 | | | 32.2 | | | | | | 26.3 | 31.5 | 6.5 | 54 |
| | 18-20 | 20.7 | | | 28.3 | | | | | | 18.6 | 32.4 | 5.8 | 53 |
| ···· | 21-23 | 36.1 | | <u> </u> | 21.6 | | | | <u> </u> | | 14.7 | 27.6 | 4.7 | 53 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 101 | TALS | 24.4 | | | 24.2 | | | | | | .8 | 31.6 | 5.7 | 423 |

USAFETAC JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

| 13812 | RICKENBACKER | AFB UH | |
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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS | l | | | PERCENTAGE | FREQUEN | CY OF TENT | HS OF TOTA | L SKY COVER | | | | MEAN TENTHS OF | TOTAL NO. OF |
|-------|----------|------|---|---|------------|---------|------------|------------|-------------|----------|------|------|-------------------|-----------------|
| MUNIN | (L.S.T.) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | SKY COVER | OBS. |
| ncr | 00-02 | 41.9 | | | 15.6 | | | | | | 11.6 | 30.9 | 4.6 | 544 |
| | 03-05 | 40.1 | | | 13.6 | | | <u> </u> | | | 11.8 | 34.6 | 4.9 | 544 |
| | 06-08 | 21.6 | | | 23.6 | | ļ | <u> </u> | | | 17.7 | 37.1 | 6.0 | 542 |
| | 09-11 | 20.7 | | | 22.3 | | | <u> </u> | | | 19.6 | 37.5 | 6.2 | 552 |
| | 12-14 | 17.2 | | ļ | 25.8 | | | ļ | | <u> </u> | 23.3 | 33.7 | 6.2 | 558 |
| | 15-17 | 18.7 | | | 25.7 | | ļ | ļ | | ļ | 21.2 | 34.5 | 6.1 | 557 |
| | 18-20 | 29.8 | | | 21.2 | | | <u> </u> | ļ | ļ | 17.1 | 32.0 | 5.4 | 557 |
| | 21-23 | 38.5 | | | 18.5 | | | | | | 12.6 | 30.4 | 4.7 | 556 |
| | | | | | | | | | | | - | | | |
| | | | | | | | | · | | | | | | |
| | <u> </u> | | | | | | | | | | | | | |
| 10 | TALS | 28.6 | | | 20.8 | | | | | | 16.9 | 33.8 | 5.5 | 4410 |

USAFETAC FORM 101 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

| 13812 | RICKENRACKER | AFB UH |
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| STATION | | STATION NAME |

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| монтн | HOURS | L . | | | PERCENTAG | E FREQUENC | CY OF TENT | HS OF TOTAL | L SKY COVER | | | | MEAN | TOTAL NO. OF |
|-------|----------|------|---|---|-----------|------------|-------------|-------------|-------------|-------------|--------------|------|-----------|-----------------|
| MUNIH | (L.S.T.) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | SKY COVER | OBS |
| NOV | 20-00 | 27.9 | | | 11.5 | | | | | | 13.6 | 46.9 | 6.3 | 53 |
| _ | 03-05 | 24.3 | | ļ | 11.0 | | | | | | 15.0 | 49.6 | 6.6 | 534 |
| | 06-08 | 14.8 | | | 13.9 | | | <u> </u> | | | 22.2 | 49.1 | 7.3 | 527 |
| | 09-11 | 11.2 | | | 15.5 | | | | | | 23.2 | 50.0 | 7.6 | 534 |
| | 12-14 | 8.1 | | | 17.0 | · · | | ļ. <u></u> | | ļ <u></u> - | 29.6 | 45.2 | 7.7 | 540 |
| | 15-17 | 7.1 | | | 19.5 | | | | | | 25.8 | 47.7 | 7.7 | 539 |
| | 18-20 | 19.5 | | | 15.6 | | | ļ | | | 18.9 | 46.0 | 6.8 | 539 |
| | 21-23 | 27.3 | | | 14.7 | | | | | | 10.9 | 47.1 | 0.1 | 539 |
| | ļ | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | <u> </u> | |
| TO | TALS | 17.5 | | | 14.8 | | | | | | 19.9 | 47.7 | 7.0 | 4289 |

USAFETAC FORM 101 44 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLÉTE.

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DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| монтн | HOURS | İ | | | PERCENTAGE | FREQUEN | Y OF TENT | HS OF TOTAL | L SKY COVER | | | | MEAN TENTHS OF | TOTAL NO. OF |
|-------------|----------|-------|---|----------|------------|-------------|-----------|-------------|-------------|----------|------|------|-------------------|-----------------|
| MONIN | (L.S T.) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | SKY COVER | 08S |
| nEC | 00-02 | 19.7 | | | 14.5 | | | ļ | | | 8.4 | 57.3 | 6.9 | 55 |
| | 03-05 | 18.6 | | | 11.5 | | | <u> </u> | | | 9.9 | 60-0 | 7.2 | 55 |
| | 06-08 | 13.6 | | | 15.1 | | | <u></u> | | | 13.5 | 57.8 | 7.4 | 55 |
| | 09-11 | 6.1 | | | 19.7 | | | | | | 19.4 | 54.8 | 7.8 | 55 |
| | 12-14 | 5.0 | | | 17.9 | | | | | | 21.3 | 55.7 | 8.0 | 55 |
| | 15-17 | 5.6 | | <u> </u> | 17.2 | | | | | | 19.0 | 58.2 | 8.1 | 55 |
| | 18-20 | 14.3 | | | 17.0 | | | | | | 14.7 | 53.9 | 7.2 | 55 |
| | 21-23 | 20.8 | | | 12.0 | | | | | | 12.9 | 54.3 | 7.0 | 55 |
| | <u> </u> | ļ | | <u> </u> | | | | | | <u> </u> | ļ | | | |
| | ļ | | | <u> </u> | | | | | | | ļ | | | |
| | | | | | | | | | | | | | | |
| = | <u> </u> | | | | | | | ļ | | | ļ | | | |
| 101 | TALS | 13.0 | | <u> </u> | 15.6 | | | | | | 14.9 | 56.5 | 7.5 | 446 |

USAFETAC JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

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13812 RICKENBACKER AFB UH

Commence of the second

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS | | | | PERCENTAGE | FREQUEN | CY O' TENT | HE OF TOTAL | L SKY COVER | | | | MEAN TENTHS OF | TOTAL NO. OF |
|-------------|----------|------|---|----------|------------|---------|------------|-------------|-------------|---|------|------|-------------------|-----------------|
| MONIA | (L.S.T.) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | SKY COVER | OBS |
| JAN | ALL | 13.1 | | | 13.0 | | | <u> </u> | | | 13.0 | 60.9 | 7.7 | 518 |
| FEB | | 14.3 | | | 17.2 | | | <u> </u> | <u> </u> | | 16.6 | 51.9 | 7.2 | 471 |
| MAR | | 14.6 | | | 15.3 | | | <u> </u> | | | 17.2 | 52.9 | 7.3 | 445 |
| APR | | 21.0 | | <u> </u> | 18.8 | <u></u> | ļ | | | | 16.2 | 43.9 | 6.4 | 431 |
| УД Ү | | 17.0 | | | 22.2 | | | | | | 21.0 | 39.8 | 6.5 | 445 |
| אטנ | | 15.4 | | | 29.1 | | | | ļ | | 25.3 | 30.3 | 6.2 | 425 |
| JUL | | 19.8 | | ļ | 32.0 | | | | | | 22.4 | 25.9 | 5.6 | 435 |
| AUG | | 17.4 | | | 28.3 | | <u> </u> | | | | 24.5 | 29.8 | 6.0 | 440 |
| SEP | | 24.4 | | | 24.2 | | | | | | 19.8 | 31.6 | 5.7 | 423 |
| nc T | | 28.6 | | | 20.8 | | | | | | 16.9 | 33.8 | 5.5 | 441 |
| иαν | | 17.5 | | | 14.8 | | | | | | 19.9 | 47.7 | 7.0 | 428 |
| nec | | 13.0 | | | 15.0 | | | | | | 14.9 | 56.5 | 7.5 | 446 |
| 101 | TALS | 18.0 | | | 20.9 | | | | | | 19.0 | 42.1 | 6.6 | 5353 |

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and marner of presentations follows:

- Cumulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - Daily maximum temperatures Daily minimum emperatures

 - Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely relected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations ou summary pages and Station History for further information on reporting practices of individual stations.

- 2. Extrome values derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - Extreme maximum temperature
 - Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.
- * Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

- 3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

 This tabulation is deriv i from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2) , sums of values (ΣX) , means (X), and standard deviations (Gx). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.
 - NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dev-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- 4. Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-FOIRT TEMPERATURE.
- 5. Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

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GLUBAL CLIMATULUMY DRANCH
USAFTTAL
AIR FEATHER STRVICE/MAC
13812 RICKFUPACKTY AFB UM
STATION NAME

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MAXIMUM

| | TEMP (°F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OC: | NOV | DEC | ANNUAL |
|---------------|------------|----------------|--------------|-------------|--|--------|--------------|--------------|--------|---------------------------------------|-------------|--|-------|--------|
| <u>≥</u> | 100 | | | | | | | • 2 3•3 | | • 2 | | | l) | •0 |
| ≥ | 95 | | | | | | 2.0 | 3.3 | 2.4 | | | | | . 7 |
| ≥ | 90 | | | | | 1.6 | 11.5 | 16.0 | 11.6 | 6.2 | . 3 | | | 4,0 |
| ≥ | გ5 | | | | .7 | 9.8 | 35.7 | 47.9 | £8.9 | | 1.6 | | | 12.9 |
| ≧ _ | 80 | | | .3 | 7.5 | 25.0 | 00.6 | 79.7 | | | 8.3 | | | 24.0 |
| ≥ | 75 | | | 2.4 | 16.4 | 43.4 | 80.0 | 95.6 | 90.2 | 59.9 | 21.2 | | | 34.4 |
| ≥ | 70 | | . 5 | 7.0 | 30.0 | 61.7 | 92.7 | 99.5 | 97.9 | | 34.6 | | | 42.9 |
| ≥ | 65 | .5 | 1.3 | 13.7 | 43.6 | 78.6 | 98.1 | 100.0 | | | 51.6 | 14.8 | 1.5 | 50.0 |
| ≥ | 50 | 3.0 | 5.7 | 23.2 | 58,6 | 8'', 7 | 99.0 | | | 97.9 | 70.3 | | 5.9 | 56.7 |
| <u>≥</u> ≥ | 55 | 7.3 | 11.3 | 34.4 | 77.6 | 95.6 | 99.9 | | | 99.2 | 83.1 | | 12.6 | 63.1 |
| ≥ | 50 | 13.7 | 19.3 | 46.7 | 84.0 | | 100.0 | | | 100.0 | 72.3 | | 19.8 | 69.2 |
| | 45 | | 29.7 | 00.3 | 92.4 | 00,0 | | | - | | 98.0 | | 31.1 | 75.5 |
| ≥ _ | 40 | 23.3 35.5 | 95.5 | 75.6 | 98.8 | 100,7 | | | | | 99.5 | 81.7 | 47.5 | 82.1 |
| ≥ | 35 | 50.6 | 64.7 | 4,86 | 99.9 | | | | | | 100.0 | | 65.2 | 88.5 |
| ≥ | 30 | 08.3 | 79.6 | 96.7 | 100.0 | | | | | | | 97,4 | 153.4 | 93.8 |
| ≥ ≥ ≥ | 25 | ¢0.5 | 88.7 | 99.3 | | | | | | | | 99.5 | 91.7 | 96.6 |
| | 30 | 89.7 | 94.4 | 100,0 | | - | | | | | | 99.9 | 96.4 | 98.4 |
| ≥ | 15 | 75.9 | 98.4 | | ······································ | | | | | | | 100.0 | 4,8 | 99.4 |
| ≥ | įo | 98.5 | 99.0 | | | | | | | | | | 99.7 | 99.8 |
| ≥ | 5 | 99.4 | 100.0 | | | | | | | | | | 100.0 | 100.0 |
| ≥ - | 5 | 49.8 | | | | | | | | | | | | 100.0 |
| .:: ≥ | -5 | 100.0 | | | t | | - | | | | | | | 100.0 |
| | | 1000 | - | | | | | | | | | | + | |
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| ≥ ≥ | | | | | | | | | | | | | | |
| <u>-</u> | MEAN | 35.2 | 38.3 | 49.4 | 52.2 | 72.8 | 81.0 | 84.0 | 82.7 | 76.6 | 65.1 | 50.9 | 39.7 | 61.5 |
| | S D | 12.394 | | 12.568 | | 9.503 | | 5.676 | 5. 905 | | | 11.615 | | 20.152 |
| | TOTAL OBS. | 868 | 791 | 868 | 840 | 862 | 840 | 868 | | | | | 850 | 10227 |

USAS ETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLIMAL GLIMATULGRY GRAMON
USAF-TAG
AIR GEATHER SERVICE/MAC
13812 PICKERPACKER AFR UN
STATION NAME

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MINIKUM

| | TEMP (°F) | JAN | FFB | MAR | APR | MAY | JUN. | JUL | AUG. | SEP | oct | NOV. | DEC | ANNUAL |
|-----------|-----------------|--------------|-------|----------|-------|-------------------|-------|-------|-------------|----------|-------|-------|----------------|--------|
| ≥ _ | 75 | | | | | | • 4 | . 6 | . 1 | | | | 1 | • 1 |
| ≥ | 70 | I | | | | . 1 | 5.3 | 15.7 | 11.3 | 2.1 | • 1 | | | 3.0 |
| ≥ | 6.5 | - 7 | | | | 4 3 | 29.3 | 50,2 | 40.2 | 15.2 | 1.2 | | | 11.8 |
| ≥ | 60 | | | . 5 | 3.0 | 20.7 | 54.3 | 78.5 | 7.7 | 34.8 | 4.5 | . 6 | | 22.2 |
| ≥ | • | • 1 | . 1 | 1.4 | 10.2 | 35.2 | 77.5 | 24.6 | 26.3 | 54.0 | | 7.4 | • 2 | 31.5 |
| ≥ | 50 | . 2 | | 4.6 | 22.1 | 57.0 | 92.7 | 99.3 | 97.2 | 73.2 | 25.8 | 7.1 | 1.2 | 40.4 |
| ≥ | 50 45 | 1.0 3.3 | 1.4 | 9,3 | 37.7 | 75.3 | 92.6 | | 99.6 | 87.6 | 43.3 | 16.2 | 3.0 | 48.1 |
| ≥ | 40 | 3.3 | 5.1 | 17.5 | 52.4 | 90.7 | 99.9 | | 99.9 | 96.3 | 66.1 | 25.6 | 9.2 | 55.7 |
| ≥ . | 40 25 33 | 9.3 | 11.9 | 33.2 | 73.9 | 97.7 | 100.0 | | 100.0 | 99.5 | 63.6 | 42.7 | 18.7 | 64.4 |
| 2 | 33 | 15.0 | 18.3 | 41.1 | 81.1 | 99.0 | | | | 99.8 | 89.5 | 51.8 | 24.5 | 68.6 |
| | 30 | 22.9 | 29. P | 57.3 | 91.3 | 99.9 | | | | 100.0 | 94.8 | 66.9 | 35.6 | 75.0 |
| אואוא | <u>30</u> 25 | 18.5 | 50.8 | 77.0 | 98.7 | 100.0 | | | | | 98.7 | 85.5 | 55.6 | 8.56 |
| 2 | (0 | 55.2 | 05.0 | 91.1 | 99.9 | | | | | | 99.9 | | 72.7 | 90.1 |
| ≥ | <u> </u> | 68.1 | 77.9 | 96.3 | 100.0 | | | i | | | 100.0 | 93.2 | 82.4 | 93.0 |
| <u>۱۷</u> | 10 | 50.4 | 85.2 | 98.7 | | | | I | | | | 98.9 | 90.3 | 96.3 |
| ?: | | 2,90 | 91.4 | 99.5 | | | | | | | | 99.9 | 95.2 | 98.0 |
| 2 | <u>0</u> -5 | 12.5 | 95.7 | 99.9 | | | | | | | | | 97.2 | 98.9 |
| MINIMIN | <u>-5 </u> | 97,5 | 39.7 | 100.0 | | | | | | | | | 99.2 | 99.0 |
| ≥. | -10 | 78.6 | 100.0 | | | | | | | | | 100.0 | 100.0 | 99.9 |
| 2 | =15 | 99.8 | 1 | | | | | | | | | | | 100. |
| .≥ | -20 | 99,9 | | | | | | | | | | · | | 100.0 |
| 2 | -45 | 100.0 | | | | | | | | | · | | | 100.0 |
| MINIM | | | | <u> </u> | | | | | | | | | | |
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| ≥ | | | | ارسويت | | المعقادات | | | ~ ~ ~ ~ ~ ~ | وسيتوسي | | -34.6 | 25.1 | 47.5 |
| _ | MEAN | 19.9 | | 31.3 | 41.4 | 51.2 | | 0, 3 | | | | | | |
| | S. D | 12.224 | | 9.763 | 9.366 | 8 . 4 ., 1 | 1.751 | 5.500 | | | | | 11.350 208 | 17.822 |
| | TOTAL OBS. | 868 | 791 | 308 | 847 | μ _{ι,} C | 844 | 461 | Bos | 940 | 8,0 | 940 | 90" | 10227 |

USAF ETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SECUL L CLIMATULOTY DRAME I USALITAG AIR LATHER SERVICEYS AC 13817 PICKEIPACKER AFB UP STATION NAME

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

HFAT

| | | | | | | | | DERVATION | <u> </u> | | | | | |
|--|------------------------|--------|--------|----------------------|-------|--------------|--------|-----------|----------|-------|-------|--------|--------|--------|
| | TEMP (°F) | JAN, | FEB | MAR | APR | MAY | JUN | JUL | AUG. | SEP | oct | NOV | DEC | ANNUAL |
| ≥ | 25 | | 1 | | ; | | 7 | 1.2 | . 5 | • 4 | | | | • 2 |
| M : M M M | <u>50</u> ' | _ | | | | | 7.5 | 12.9 | 9,4 | ३,0 | | | | 2.9 |
| 2 | 75 70 | | | | | 5,4 | 30.6 | 48,7 | 38.2 | 15.7 | 1.3 | | | 11.6 |
| • | 70 | 1 | | •1 | 3.4 | 21.5 | 59.9 | 62.8 | 72.7 | 34.3 | 4.3 | | | 23.5 |
| ≥ | <u>55</u> | | | 1.8 | 11.5 | 41.2 | BC . 8 | 95,4 | | 57.9 | 12.9 | | | 33.2 |
| ALALALALALALALALALALALALALALALALALALAL | <u>05</u> <u>00</u> | 1 | 3 | 4.4 | 25.1 | 61.2 | 95.7 | 99,9 | 29.5 | 73.8 | 29.8 | 6.1 | .5 | 42.0 |
| ≥ . | 55 | 3 | 1.4 | 11,5 19,5 33,5 | 40.7 | 80.0 | 98.9 | 100.0 | | 93.1 | 49.7 | 13.3 | 2.1 | 49.5 |
| .≥ | 50 | 2.06 | 4.3 | 19.5 | 56.0 | 97.7 | 100.0 | | 100.0 | 98.7 | 69.7 | | 5.8 | 36.4 |
| ≥ | 45 ! | 7.4 | 10.0 | 33,5 | 75.5 | 98.5 99.7 | | | | 99.9 | 87.2 | | 13.7 | 64.1 |
| ≥ . | 40 | 16.6 | 21.7 | 21.2 | 90,5 | 99.7 | | | | 100.0 | 95.7 | 61.0 | 25.7 | 72.0 |
| ≥ | 3 5 | 69.0 | 38.7 | 71.1 | 98.2 | 100.0 | | | | | 99.2 | | 43.1 | 80.0 |
| ≥. | 0 ر | 46.7 | 60.1 | 86.9 | 99.9 | i | | | | | 100.7 | 91.7 | 62.6 | 87.4 |
| ≥ | 25 | 41.5 | 74.2 | 94.8 | 100.0 | _ | | | | | | 97.3 | 70.7 | 92.3 |
| ≥ | 70 | 75.7 | 83.7 | | | | | ! | | | | 99.0 | 89.2 | 95.5 |
| ≥ | <u>20</u> 15 | 86.8 | | | | | | | | | | 99.8 | 94.9 | 97.7 |
| ≥ | 10 5 0 | 92.7 | | | 1 | | l | | | | | 99.9 | 97.4 | 98.9 |
| <u>×</u> × | 5 | 77,1 | 99.1 | | | | _ | | | | | 100.0 | 99.1 | 99.6 |
| | 0 | 99.2 | 100.0 | | | | | | | | | | 99.9 | 99.4 |
| V : V | -5 | 99.9 | | | | | | | | | | | 100.0 | 100.0 |
| ≥ | -10 | | | | | | | | | _ | | | | 100.0 |
| ≥ | -15 | 100.0 | | | _ | | _ | | | | | | | 100.0 |
|]≥ | . 2 | | | | | | _ | | | | | | | |
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| - T | MEAN | 27.8 | 31.0 | 40.6 | 52.1 | 51.9 | 70.7 | 74.2 | | 56.1 | 54.5 | | | 52.2 |
| I | S D | 11.726 | 11.000 | 17.466 | 9,647 | 8.202 | 4.520 | 4.902 | 5.435 | 7.700 | ¥.753 | | 10.735 | 18.635 |
| | TOTAL OBS | Ross | | | 840 | | 840 | 208 | 858 | F40 | ROR | 747 | 768 | 10227 |

US/ F ETAC TORM 0 21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13812 RICKENBACKER AFB. 19H.

WHOLE DEGREES FAHRENHEIT

| MONTH YEAR | JAN | FEB | MAR | APR | MAY | 'AUL | JUL | AUG. | SFP | OCI | NOV. | DEC | All MONTHS |
|---------------|-------|-------|------|-------|-------|-------|----------|-------|-------|-------|-------|------|---------------|
| 51 | | | 72 | 84 | 87 | 94 | 95 | 9 | 90 | 90 | 69 | 66 | |
| 521 | 67 | 60 | 69 | 84 | 91 | 98 | <u> </u> | 13 | 94 | 87 | 7.3 | 64 | 99 |
| 53 | 62 | 59 | 75 | 80 | 92 | 97 | 98 | 96 | 100 | 89 | 71 | 65 | 100 |
| 54 | 5.7 | 7.1 | 68 | 83 | 89 | 95 | 102 | 9.2 | 98 | 84 | 72! | 56. | 102 |
| 55 | 59 | 65 | 71 | 80 | 87 | 89 | 96 | 96 | 94 | 80 | 73 | 61 | 94; |
| 56 | 5.4 | . 61 | | 81 | 87 | _ 91 | 94 | 94 | 88 | 80 | .75 | 69 | 94 |
| 57 | 58 | 71 | 72 | 85 | 84 | 94 | 97 | 93 | 93 | 77 | 69 | | 97 |
| 58 | 51 | 62 | 56 | 83 | 86 | 91 | 91 | 90 | 91 | 80 | 7.8 | 56 | 91 |
| 59 | 64 | 65 | 74 | 81 | 90 | 96 | 94 | 97 | 93 | 88 | 75 | 65 | 97 |
| _60i | 61 | 55 | 7.3 | 88 | 85 | 89 | 89 | 21 | 92 | 81 | 70 | 03. | 9.2 |
| 61 | 51 | 71 | 73 | 79 | 85 | 89 | 91 | 87 | 89 | 82 | 78 | 05 | 91 |
| 62 | 61 | 62 | 76 | 86 | 91 | 92 | | 96 | 85 | 8.2 | 62: | 63 | 96 |
| 63 | 51 | 53 | 77 | 80 | 85 | 90 | 91 | 91 | 85 | 85 | 68 | 58 | 91 |
| 64 | 58 | 53 | 69 | 80 | 92 | 91 | 91 | 95 | 94 | 79 | 72 | 67 | 95 |
| 65 | 62 | 63 | 54 | 78 | 87 | 92 | 92 | 91 | 87 | 75. | 70 | 65 | 92 |
| 66 | 56 | 56 | 73 | 7.8 | 86 | 99 | 100 | 86 | 90 | 76 | 68 | 68 | 100 |
| 67 | 67 | 61 | 79 | 79 | 87 | 91 | 90 | 87 | 86 | 83 | 64 | 66 | 91 |
| 58 | 54 | 5.8 | 77 | 78 | 82 | 92 | 93 | 94 | 87 | 84 | 79 | 54 | 94 |
| 69 | 60 | 51 | 73 | 82 | 89 | 91 | 92 | 88 | 86 | 85 | 60 | 47 | 92 |
| 70 | 61 | 58 | 63 | 85 | 86 | 93 | 95 | 90 | 90 | 80 | 69 | 69 | 95 |
| 71 | 55 | 65 | 72 | 80 | 83 | 92 | 87 | 85 | 86 | 84 | 71 | 69 | 92 |
| 72 | 61 | 68 | 71 | 76 | 87 | 88 | 93 | 93 | | 74 | 65 | 63 | <u>. 9</u> |
| 73 | 63 | 60 | 79 | 81 | 78 | 93 | 93 | 93 | 93 | 84 | 70 | 63 | 93 |
| 74 | 64 | 64 | 81 | 83 | 88 | 88 | 94 | 89 | 80 | 79 | 71! | 54 | 94 |
| 75 | 67 | 65 | 67 | 75 | 90 | 94 | 95 | 95 | 88 | 82 | 77 | 65 | 95 |
| 76 | 51 | 7d | 79 | 84 | 82 | 92 | 95 | 86 | 86 | 76 | 60 | 54 | 95 |
| 77 | 33 | 64 | 82 | 84 | 91 | 92 | 97 | 90 | 90 | 75 | 77 | 58 | 97 |
| 7.8 | 51 | 36 | 77 | 79 | 87 | 99 | 93 | 92 | 91 | 7.6 | 71 | 00_ | 99 |
| 79 | 58 | 48 | | | | | | | | | | | |
| MEAN | 57.8 | 60.5 | 72.6 | 81.3 | 86.9 | 92.6 | 93.7 | 91.8 | 89.8 | 81.3 | 70.6 | 61.9 | 94.9 |
| S C | 7.011 | 7.743 | | 3.089 | 3.310 | 3.119 | 3.609 | 3.762 | 4.274 | 4.414 | 5.138 | | 3.137 |
| TOTAL OBS | 868 | 791 | 868 | 840 | 868 | 840 | 868 | 868 | 840 | 868 | 340 | 868 | 10227 |

NOTES * (BASED ON LESS THAN FULL MONTHS)
A) # (AT LEAST ONE DAY LESS THAN 24 OBS)

3

€

€.

USAF ETAC FORM 0-88-5 (OLA)

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13812 RICKENBACKER AEB OH

51-79 YEARS

WHOLE DEGREES PAHRENHEIT

| MONTH YEAR | MAL | FEB | MAR | APR | MAY | NUL | JUL. | AUG | SEP | oct | NOV | DEC | ALL MONTHS |
|---------------|-------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| 51 | | | 19 | 29 | 42 | 49 | 54 | 47 | 37 | 30 | 19 | -8 | |
| _52 | 10 | 15 | 21 | 30 | 39 | 49 | 54 | 47 | 40 | 10 | 14 | 8 | |
| 53 | 7 | 14 | 15 | 23 | 42 | 46 | 54 | 51 | 41 | 29 | 19 | 2 | |
| 54 | 6 | 13 | 15 | 23 | 33 | 45 | 55 | 52 | 43 | 31 | 26 | 9_ | |
| 55 | -1 | -2 | 12 | 28 | 39 | 49 | 60 | 54 | 46 | 27 | 9 | 3 | |
| 56 | 5 | 15 | 8 | 30 | 36 | 47 | 56 | 48 | 35 | 35 | 7 | 18_ | |
| 5 7 | -6 | 15 | 18 | 25 | 33 | 50 | 50 | 51 | 40 | 26 | 18 | 9 | -(|
| 58 | 5 | 2 | 25 | 28 | 37 | 48 | 60 | 50 | 42 | 31 | 6 | -9 | |
| 59 | -5 | 7 | 16 | 31 | 35 | 49 | 56 | 55 | 36 | 32 | 9 | | |
| 60 | 11 | 7 | -1 | 27 | 38 | 52 | 55 | 55 | 45 | 2.5 | 22 | | |
| 61 | -7 | 3 į | 22 | 25 | 34 | 42 | 50 | 53 | 33 | 26 | 16 | 1 | * |
| _62 | 8_ | | 10 | 23 | 42 | 49 | 46 | 46 | 31, | 20 | 22 | -3 | |
| 63 | -15 | -7 | 18 | 26 | 30 | 45 | 49 | 46 | 32 | 22 | 21 | -10 | -1. |
| 64 | | | 14 | 17 | 38 | 44 | 50 | 43 | 39 | 21 | 12 | 7 | |
| 65 | -13 | -8 | 15 | 21 | 42 | 47 | 49 | 37 | 37 | 23 | 21 | 18 | -1. |
| 66 | -11 | 3 | 11 | 25 | 26 | 42 | 51 | 51 | 40 | 26 | 20 | -2 | |
| 67 | 6 | -2 | 1 | 26 | 32 | 48 | 50 | 49 | 35 | 26 | 17 | 11 | - |
| _68 | 11 | 1 | 10 | 30 | 31 | 49 | 49 | 46 | 45 | 30 | 25 | я. | |
| 69 | 3 | 17 | 14 | 28 | 37 | 45 | 59 | 52 | 35 | 22 | 17 | 6 | |
| 70 | | 1 | 11 | 25 | 32 | 49 | 48 | 54 | 37 | 30 | 13 | 10 | |
| 71 | 2 | -2 | 14 | 26 | 30 | 48 | 54 | 48 | 43 | 34 | 14 | 16 | •• |
| _72 | | 3 | 15 | 20 | 36 | 3.8 | 45 | 47 | 42 | 25 | 21 | 8 | |
| 73 | 6 | 4 | 23 | 29 | 35 | 52 | 53 | 51 | 42 | 34 | 22 | 14 | |
| _74 | 7 | 12 | 5 | 30 | 34 | 48 | 54 | 54 | 33 | 26 | 20 | 15 | |
| 75 | 10 | 0 | 15 | 23 | 40 | 47 | 53 | 54 | 39 | 28 | 24 | 12 | 1 |
| 7.6 | 5 | 3 | 19 | 23 | 35 | 55 | 55 | 50 | 38 | 22 | 5 | | |
| 77 | -22 | -10 | 20 | 29 | 38 | 43 | 54 | 49 | 45 | 30 | 17 | -1 | -2. |
| 78 | 5 | -4 | 1 | 30 | 33 | 4.6 | 52 | 55 | 42 | 32 | 27 | 14 | |
| 79 | -3 | -4 | | | ! | | | | | | | | |
| MEAN | -2.3 | 3.1 | 13.8 | 26.1 | 35.7 | 47.2 | 52.7 | 49.8 | 39.0 | 27.2 | 16.8 | | -4. |
| S. 0 | 8.951 | 7,939 | 6,606 | 3.527 | 4.171 | 3.465 | 3.821 | 4.137 | 4.247 | 4.459 | 7.211 | 8.252 | 7.43 |
| TOTAL OBS. | 868 | 791 | 868 | 840 | 868 | 840 | 848 | 868 | 840 | 968 | 840 | 868 | 1022 |

NOTES * (BASED ON LESS THAN FULL NONTHS)
USAFETAC (NAM 0-80-5 (OLA) # (AT LEAST THE DAY LESS THAN 24 UBS)

PSYCHROMETRIC SUMMARY

13812 RICKENBACKER AFB UH

STATION NAME

98-70,73-79

VEARS

PAGE 1

0000-0200

HOURS (L. S. T.)

| Temp. | | | | | | | | | | E DEPRE | | | | | | | | TOTAL | | TOTAL | |
|-------------|-----|----------|-------|-------------|-----|--|---------------|---------------|--|---------|-------------|--|---------|-------------|--------------|-------------|----------|----------------|----------|----------|--------|
| (F) | 0 | 1 . 2 | 3 - 4 | | | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 10 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Po |
| 60/ 59 | ĺ | . 3 | | . 2 | • 2 | | | | | i - | [| | | | | | | 9 | , , | 1 | |
| 58/ 57 | | . 3 | | | | | | | | | | <u> </u> | | | | | | 9 | 9 | <u> </u> | |
| 56/ 55 | 1 | | • 6 | | | | | | | 1 | | | | | | | | 6 | 6 | 8 | |
| 54/ 53 | | | | - 1 | | | | | L | 1 | | il | | | | | | 1 | 1 | 5 | |
| 52/ 51 | - | | • 4 | . 2 | • 2 | | 1 | | | 1 | | | | | | | | 8 | 8 | 8 | |
| 50/ 49 | | . 4 | | . 3 | | | | | <u> </u> | .l | <u> </u> | <u> i</u> | | | | | L | 7 | 7 | z |) : |
| 48/ 47 | 1 | .5 | - 1 | | | • 1 | | | [| | [| | | | | | | 7 | 7 | 7 | 1 |
| 46/ 45 | | . 8 | .5 | . 3 | 1 | | | | <u> </u> | .l | <u> </u> | | | [| | | | 16 | 16 | 10 | |
| 44/ 43 | | 1.0 | | | | | | | | 1 | | ; | | | | | | 17 | | | |
| 42/ 41 | | • 4 | . 5 | | | l | | | | _i | l | | | Ĺi | i I | | | 12 | 12 | | |
| 40/ 39 | .4 | 1.3 | . 2 | • 2 | • 1 | | | | | Ţ | | | | | | | | 21 | | | |
| 38/ 37 | . 2 | 1.4 | 1.3 | | . 1 | | | | | _ | | | ! | | | | | 32 | 32 | 18 | 1 |
| 36/ 35 | • 5 | 2.8 | | . 4 | | | | | | | T | | | | | | | 64 | 64 | 36 | |
| 34/ 33 | . 2 | 2.0 | | . 8 | | | | |] | | L _ | <u> </u> | | | 1 | | | 48 | | i | |
| 32/ 31 | .1 | 2.7 | 2.3 | .4 | | | | Ī — | | T | T | | | | | | | 51 | 51 | 53 | 1 |
| 30/ 29 | . 1 | 2.4 | 1.8 | . 1 | | | ! | Í | 1 | ĺ | | 1 1 | | [] |] | | | 41 | 41 | 49 |) 3 |
| 28/ 27 | i | 3.7 | 1.5 | .3 | | | | | | | 1 | | | | | | | 51 | 51 | 49 | |
| 26/ 25 | | 5.4 | 1.3 | .1 | | į | | | 1 | [| 1 | | | | [] | | | 63 | 63 | 59 | 3 |
| 24/ 23 | | 4.1 | 1.5 | | | | - | [| 1 | | ī | | | | | | l | 52 | 52 | | |
| 22/ 21 | | 2.7 | 1.3 | | | | | 1 | ļ | ļ | l | l l | | 1 1 | l i | | | 37 | | | |
| 20/ 19 | . 6 | 4.4 | 1.2 | | | | | | 1 | T | <u> </u> | | | | | | | 59 | 59 | 48 | |
| 18/ 17 | • 2 | 4.2 | 1.4 | ! | _ | | | 1 | | 1 | |) | |)) | 1 | | İ | 54 | | , , | |
| 16/ 15 | • 2 | 2.5 | • 2 | | | | | | Π | 1 | | | | | | | | 27 | 27 | 51 | |
| 14/ 13 | . 2 | 4.6 | .4 | | | | 1 | | | 1 | |] : | |]] | | | | 49 | 49 | 36 | |
| 12/ 11 | .1 | 5.4 | • 1 | | | | | | 1 | 1 | l | 1 | | | | | · | 52 | 52 | 56 | |
| 10/ 9 | . 3 | 2.3 | | | | | [| 1 | 1 | 1 | 1 | | | | | | İ | 24 | 24 | 52 | |
| 8/ 7 | | 2.6 | | | | i | | i —— | 1 | 1 | | <u> </u> | | | <u> </u> | | | 24 | 24 | | |
| 6/ 5 | . 2 | 1.9 | | | | |] | | ĺ | l | | [] | | |] | | ĺ | 20 | 20 | | 4 |
| 4/ 3 | .4 | | | | | | | | 1 | 1 | | | | ! | | | | 13 | 1 | | |
| 2/ 1 | } | 1.1 | | | | | | 1 | 1 | 1 | | ,) | | ' | } | | 1 | 16 | 10 | |) 3 |
| 0/ -1 | .9 | 1.0 | | | | | | | 1 | 1 | | 1 | | | | | | 17 | | | |
| -2/ -3 | . 4 | . 3 | | | | } |] | Ì | | 1 | } | j | |] | ì | | | 7 | 1 | 16 | 1 - |
| -4/ -5 | . 8 | •1 | | | | | | | 1 | 1 | | | | | | | <u> </u> | 8 | | | |
| -6/ -7 | | . 1 | |] | Ì | | | Ì | |] | |)] | | | | |] | l î | • | i | 1 |
| Element (X) | | Σχ' | | | z x | Ή- | X | •, | | No. 01 | . I | | | | Mean N | o. of H | ours wit | h Tempera | lure | | |
| Rel. Hym. | | <u> </u> | | | | | | ' | · | | | 101 | | 32 F | ≥ 67 | | 73 F | ≥ 80 F | ₹ 93 | F | Total |
| Dry Bulb | | | | | | _ | | | | | | | | | | | | 1-00, | | | |
| Wet Bulb | | | | | | | | | | | | | -+- | | | | | - | | | |
| Dew Point | | | | | | | | | | | | | | | | | | 1 | | | |

11. - 15. 15 16 16 50 hope

SAFETAC FORM 0.26.5 (O) (1)

GLOBAL CLIMATOLOGY BRANCH 3 USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENPACKER AFB UH MAL PAGE 2 0000-0200 WET BULB TEMPERATURE DEPRESSION (F) (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 23 --8/ -9 -10/-11 -12/-13 13 -16/-17 18/-19 20/-21 -22/-23 24/-25 -26/-27 -28/-29 TUTAL 7.463.823.4 4.4 930 930 930 930 õ 0.26.5 No. Obs. 71.912.005 930 930 4941478 Rel. Hum, 66866 ≤ 32 F ± 0 F 716016 22450 67.3 Dry Bulb 611732 20560 22,113.008 930 5.0 74.2 Wet Bulb

ALTO SANCE AND ALCOHOLOGICAL

O.26-5 (OL.A) TENSIO PREVIOUS EDITORS OF THIS FORM ART OND OFFE

| GLOB | AL CLIMA | YOUJOTA | BRANCH |
|------|----------|---------|--------|
| USAF | FTAC | | |
| ΔIR | WEATHER | SERVICE | -/MAC |

PSYCHROMETRIC SUMMARY

13812 PICKENRACKER AFB UH 08-70,73-79

STATION STATION NAME YEARS

PAGE 1 0300-0500

MOURS (E. S. T.)

| Temp | WET BULB TEMPERATURE DEPRESSION (F) 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-3C *31 | | | | | | | | | TOTAL | TOTAL | | | | | | | | | | |
|-------------|---|-------|-------|------------|------------|----------|----------|----------|-----------------|----------|---------|-------------------|---------------|---------|---------|---------|------|--------------|---------------|-----------------|-----------------------|
| (F) | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 2 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 3C | ≥ 31 | D.8./W.B. | Dry Bulb | Wet Bulb D | ew Point |
| 60/ 59 | | . 1 | | | | | t . | | | | | | | | | | | 1 | 1 | | |
| 58/ 57 | | • 5 | • 4 | <u>• l</u> | | İ | i ; | | | | | | | | | | | 10 | 10 | 2 | |
| 56/ 55 | 1 | .3 | • 4 | • 3 | | 1 | | , | |] | | | | | | | | 10 | 10 | 6 | 3 |
| 54/ 53 | | - 2 | | | • 1 | 1 | | | <u> </u> | | | | | | | | | 3 | 3 | 7 | 5 |
| 52/ 51 | • | . 3 | • 3 | . 3 | | | i | | | 1 | | | | | 1 | | | 9 | 9 | 8 | 3 |
| 50/ 49 | | .4 | • 8 | | | <u> </u> | <u>i</u> | | | <u> </u> | | | | | | | | 11 | 11 | 5 | 7 |
| 48/ 47 | | • 4 | | | • 1 | | | |) | | - | | | | | | | , 6 | 6 | 9 | 9 |
| 46/ 45 | | .5 | . 8 | <u>. ع</u> | <u>. l</u> | | | | | | | | | | | | | 16 | 16 | 12 | 6 |
| 44/ 43 | | 1.2 | • 4 | | | | 1 | | | | | 1 | 1 | | | | | 15 | | 5 | 9 |
| 42/ 41 | | , | • 8 | | <u> </u> | ļ | | | | | | | | | | | | 7 | | 20 | 6 |
| 40/ 39 | • 1 | 1.3 | • 5 | - 2 | | ; | | | | | | 1 | | 1 | 1 | | | 20 | 20 | 7 | 15 |
| 38/ 37 | -1 | 1.9 | . 9 | 3 | • 2 | | | | ļ <u>.</u> | | | | | | | | | 32 | | 27 | 12 |
| 36/ 35 | • 8 | 3.1 | 2.3 | •3 | | | | | | i i | | 1 | - 1 | | Ì | | | 60 | | 37 | 26 |
| 34/ 33 | - 3 | 2.8 | 2.9 | • 5 | | | | | | | | | | | | | | 61 | 61 | 40 | 38 |
| 32/ 31 | | 2.5 | 1.5 | . 3 | | | | | | | | 1 | | | - | | | 40 | 40 | 54 | 20 |
| 30/ 29 | | 2.2 | 1.7 | • 2 | | | <u> </u> | | L | | | | | | | | | 42 | 42 | 55 | 26 |
| 28/ 27 | • 2 | 4.0 | 1.3 | • 4 | | | i | | | | į | | 1 | | | | | 55 | 55 | 41 | 43 |
| 26/ 25 | | 4.4 | •6 | | | | | | | | | | | | | | | 47 | 47 | 57 | 46 |
| 24/ 23 | | 3.8 | • 4 | | | | | | | | 1 | į | - 1 | | į | | | 39 | | 66 | 33 |
| 22/ 21 | | 4.3 | 1.4 | | | | | | i | | | | | | | | | 53 | | 42 | 42 |
| 20/ 19 | 1.0 | 4.6 | .9 | | | | | | | | | ļ | - 1 | İ | 1 | | | 60 | | 49 | -61 |
| 18/ 17 | + | 3.4 | •9 | | | | | | | | | <u>`</u> | | | | | | 40 | | 51 | 58 |
| 16/ 15 | • 1 | 4.0 | • 3 | | | | | | | | | - | 1 | 1 | | | | 41 | 41 | 39 | 36 |
| 14/ 13 | 1 | 3.1 | • 4 | | | | | | | | | $-\!\!-\!\!\!+$ | | | | | | 34 | 34 | 47 | 28 |
| 12/ 11 | • 1 | 4.7 | 1 | | | | | | | | - | ! | | | l | | | 45 | 45 | 37 | 45 |
| | 3 | 3.1 | | | | | | | | | | \longrightarrow | | | | | | 32 | 32 | 46 | - 49 39 |
| 6/ 5 | • 1 | 3.5 | | | | | | | | | | 1 | | | | | | 34 | 34 | 43 | |
| 4/ 3 | • 1 | 3.1 | | | <u> </u> | | | | | | | + | | | | | | 30 | 30 | 23 | 37 |
| 2/ 1 | ٠ 3 | 1.1 | | | | | | | | | - 1 | | | | 1 | | | 13 | 13 | 27 | 42 |
| 0/ -: | 1.3 | 1.3 | | | | | | | | | | —— <u>i</u> - | | | | | | 12 | 12 | 11 | 45 |
| -2/ -3 | | • 6 | 1 | i | | | | | | | - ! | 1 | | | | | | 18 | 18 | 17 | 33 |
| -4/ -5 | . 5 | .5 | | | | | | | | | | | | | | | | 1 . | 1 | 15 | 20 |
| -6/ -7 | 1 | اد . | ì | | | | | | | | [| | | : | | ļ | | 12 | 12 | 9 | 6 |
| Element (X) | | Ex? | | | Σχ | | | | | No. Ob | | | | | | | | 1 | | 41 | 16 |
| Rel. Hum. | | - X : | | | - <u>x</u> | -+- | <u> </u> | ₹ | | 110. Ub | - | | | 20.5 | | | | h Temperat | | | tol - |
| Dry Bulb | | | | | | \dashv | | | | | | ± 0 F | | 32 F | ≥ 67 | | 73 F | ≥ 80 F | ≥ 93 F | '° | 701 |
| We Bulb | | | | | | | | | | | | | | | | | | | _ | | |
| Dew Point | | | | | | | | | - - | | | | | | | | | | - | | |
| | | | | | | | | | | | | | | | | | | 1 | 1 | | |

PSYCHROMETRIC SUMMARY

RICKENRACKER AFB GH 48-70,73-79 JAN 0300-0500 PAGE 2

| 1emp. | | | | | | WET | BULB 1 | EMPER | ATURE | DEPRE | SSION (| F) | | | | | | TOTAL | | TOTAL | |
|--------------------|------|-------|----------|-------------|----------------|----------|-------------|----------|--|----------------|----------|-------------|-------------|---------------|--------------|---------------|----------|--------------|--------------|----------|--|
| (F) | 0 - | 1 - 2 | 3 . 4 | 5 - 6 | 7 - 8 | | | | | | | 21 - 22 2 | 23 - 24 | 25 . 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | | Dew Point |
| -8/ -9 | .3 | | - | | 1 | 7 | | | 1 | <u> </u> | - | | | | | | | 3 | 3 | | |
| -10/-11 | . 0 | | į | f | | | } | | 1 | | | ! | | 1 | ! | | | l o | . · · · | 6 | |
| -10/-11 -12/-13 | | | · | | | | | | - | - | | | | - | i — | <u> </u> | | | | <u> </u> | 13 |
| -14/-15 | | | 1 | |) | | | | | 1 | | ì | | | |] | | İ | 1 | 1 | 4 |
| -16/-17 | | | | | | i — — | | | : ! | | | | | 1 | i | i | | i | <u> </u> | | 5 |
| 18/-19 | - 1: | | ı | | 1 | | | | | } | | | | 1 | | 1 | | 1 | 1 | 1 | 3 |
| 20/-21 | .1 | | 1 | 1 | | | | | | | | $\neg \neg$ | | · | | | | 2 | 2 | 2 | 4 |
| -22/-23 | | | • | : | <u> </u> | | , | | | | | | | | | 1 | | i | : | j | 3 |
| -24/-25 | 1 | | | 1 | | i | | | | | | | | 1 | i — | i | | | 1 | | 2 |
| -28/-29 | | | i | 1 | | ĺ | | | [| | | | | 1 | 1 | | | i | | 1 | 2 |
| -30/-31 | | | | | | ! | | | | ! | | | | 1 | | | | | | Ī | T |
| TOTAL | 7.8 | 58.0 | 19.9 | 3.4 | .8 | .1 | 1 | | | i | | - | | | ļ | İ | | | 930 | | 930 |
| | | | 1 | | ; | i | <u> </u> | | | 1 | | | | | · · · · | 1 | | 930 | 1 | 930 | |
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| | | | } | | | <u>i</u> | <u> </u> | | <u></u> | | | | | t | 1 | | | | | 1 | l |
| Element (X) | | Σχ' | | | z _X | | X | ₹ | | No. O | | | | | Meon | No. of H | ours wit | h Tempero | ture | | |
| Ret. Hum | | 504 | 0402 | | 675 | 88 | 72.7 | 11.7 | 58 | | 30 | ± 0 F | | ≤ 32 F | ≥ 67 | F | 73 F | > 80 F | ≥ 93 | F | Total |
| Dry Bulb | | 69 | 3915 | | 217 | 83 | 23.4 | 14.0 | 62 | 9 | 30 | 5. | 2 | 66.9 | 1 | | | | | _1_ | 93 |
| Wet Bulb | | | 9191 | | 200 | 31 | 21.5 | 13.4 | 38 | | 30 | 5. | | 74.5 | | $\neg \neg$ | | 1 | | _ | 93 |
| Dew Point | ~ | | 2386 | | 146 | 46 | 15.7 | 15.4 | 40 | | 30 | 14 | | 79.1 | 1 | | | | | | 93 |

GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENGACKER AFB UH JAN .8-70,73-79 PAGE 1 0600-0800 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 60/ 59 56/ 55 54/ 53 6 50/ •6 22 18 46/ 45 12 • 0 42/ 41 26 40/ 39 22 22 24 30 10 38/ 37 30 35 33 55 55 3.2 2.5 63 39 63 27 .1 2.6 1.7 46 46 23 30/ 2.3 34 34 49 49 39 .5 25 .1 4.2 45 26/ 45 53 30 30 38 2.27 48 48 38 41 62 49 60 17 3.2 • 6 53 31 34 34 46 .3 3.3 34 48 10/ .6 4.1 48 37 37 32 3.7 32 6/ 2.5 23 23 32 2i 25 16 16

14

12

Mean No. of Hours with Temperature

35 16

18

15

FORM 0.26.5 (OLA) senses menous epix

0/

-8/ -9

Element (X)

Rel. Hum. Dry Bulb Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC RICKENBACKER AFT OH 68-70,73-79 PAGE 2 0600-0800 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point -10/-11 -12/-13 -14/-15 -16/-17 -18/-19 -20/-21 -22/-23 -28/-29 10.070.015.6 3.8 930 930 73.511.713 Element (X) No. Obs. Mean No. of Hours with Temperature 930 68330 5147876 668468 21110 22.714.274 930 5.8 66.9 Dry Bulb 19468 580482 20.913.644 930 6.1 74.4 Wet Bulb

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC 3) AIR WEATHER SERVICE/MAC 13812 RICKENRACKER AFB UH JAN 58-70,73-79 PAGE 1 0900-1100 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. (F) 66/ 65 64/ 63 62/ 61 60/ 59 58/ 57 • 1 56/ 55 53 . 2 52/ 51 50/ 49 .1 10 10 . 8 .2 •0 48/ 47 16 16 28 28 15 1.6 46/ 45 181 18 44/ 43 42/ 41 . 8 • 1 20 20 22 19 .81 1.5 1.0 30 301 16 40/ 39 37 44 38/ 44 32 .5 2.8 2.7 .1 1.9 2.6 57 57 26 36/ 35 36 34/ 33 32/ 31 51 531 .5 37 37, 50 1.4 2.0 47 48 30/ 29 2.6 1.9 38 34 28/ 27 .1 3.9 .6 43 43 51 (25 4.1 1.1 48 48 41 26/ 32 38 32 48 24/ 23 2.5 22/ 21 20/ 19 58 43 58 54 .3 4.2 1.7 5.1 1.5 61 65 61 39 44 44 60 48 18/ 17 .1 3.8 37 **37** 37 16/ .1 3.4 46 34 4.3 41 41 41 14/ 13 37 44 44 43 1 4.5 23 23 45 10/ 2.4 53 24 23 23: 8/ 2.5 25 31 6/ .1 2.6 17 33 22 41 .2 1.6 15 15 2/ .1 1.5 16 24 16 0, . 5 1.0 16 Mean No. of Hours with Temperature Element (X) Rel. Hum. 20F ≈ 73 F 1 - 80 F Dry Bulb Wet Balb

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| | 314.104 | | | | | | ^ML | | | | | | | | 12 | .ARS | | | PAG | E 2 | 0900 | |
| | Temp. | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL | | HOURS (L. | | |
| ĺ | (F) | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | | 11 - 12 | | | | | | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | | |
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| | -4/ -5 | . 3 | | | | | | 1 | | | | | 1 | | | | 1 | 1 | 6 | 6 | 7 | |
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| | -8/-9 | 1 | | | | | <u> </u> | <u> </u> | | <u> </u> | | | | | | | | | 1 | 1 | 2 | |
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| | -24/-25 | | Ì | | | Ì | | j | 1 | 1 | 1 | 1 | | | 1 | } | 1 | | 1 | | | |
| | -28/-29 | | 1 | | | | | 1 | | 1 | 1 | | | | | | 1 | 1 | | | | |
| | TOTAL | 4.3 | 65.1 | 23.0 | 6.4 | 1.3 | | <u> </u> | | | | | | | | | <u> </u> | | | 930 | | |
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| | Element (X) Rel. Hum. | | Σχ' | 58894 | | 2 x 655 | 78 | 70.7 | 12.0 | 57 | No. O | 28 | | | - 20 5 | | | | h Tempera | | -1 | |
| | Dry Bulb | | | 7029 | | 230 | | | 13.7 | | | 30 | <u>± 0</u> | | ± 32 F | 26 | | ≥ 73 F | ≥ 80 F | ≥ 93 f | | |
| | Wet Buib | | | 30957 | | 209 | | 22.6 | 13.0 | 05 | | 28 | | • 3 | 70.4 | | | | | | | |
| | Dew Point | | | 51064 | | 131 | | 16.4 | 15.1 | 36 | | 28 | | .5 | 78.9 | 1 | | | | | | |
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1 GLOBAL CLIMATOLOGY BRANCH (S) USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC RICKENRACKER AFB OH 65-70,73-79 1200-1400 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poir (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 68/ 67 • 1 64/ 63 3 62/ 61 . 1 60/ 59 58/ 57 . 3 10 .4 56/ 55 54/ 53 12 12 13 18 18 50/ 49 1.0 10 .1 13 13 48/ 47 • 3 26 26 46/ 45 44/ 43 1.0 23 23 21 21 42/ 41 37 37 40/ 39 38/ 37 52 52 39 20 36/ 35 .2 1.3 4.0 1.3 66 67 37 23 36 34/ 33 1.8 1.3 37 36 32/ 31 37 63 36 30/ 29 3.2 . 8 50 50 28/ 27 50 2.6 2.0 51 47 47 26/ 25 61 32 60 2.8 3.1 60 22/ 21 .1 2.8 2.6 52 52 53 53 56 2.8 2.8 51 18/ 1.6 31 31 2.6 13 29 31 2.8 • 3 24 1.9 24 •6 10/ 9 2.0 21 21 õ 15 8/ 1.6 6/ • 8 11 37 33 2/ . 8 0/ . 2 Element (X) Mean No. of Hours with Temperature Rel. Hum. 10 F Total ≤ 32 F ≥ 73 F Dry Bulb Wet Bulb

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC RICKENBACKER AFB OH 08-70,73-79 YEARS PAGE 2 1200-1400 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 D.B./W.B. Dry Bulb Wet Bulb Dew Por -2/ -3 -6/ -7 -8/ -9 -10/-11 -12/-13 -14/-15 -16/-17 -18/-19 -20/-21 -22/-23 928 930 1.046.033.211.4 5.8 1.7 928 õ Element (X) Zx' No. Obs. Mean No. of Hours with Temperature 4130711 927468 60623 26706 928 930 Dry Bulb 28.713.147 1.4 57.1 23731 928 744441 25.612.183 66.1 1.7 Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC JAN. RICKENBACKER AFB OH 08-70,73-79 STATION NAME MONTH PAGE 1 1500-1700 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.B. W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 64/ 63 62/ 61 60/ 59 11 • 1 R 58/ 57 56/ • 3 .5 • 3 54/ 53 8 17 52/ 51 17 • 3 12 12 50/ 20 20 15 47 48/ • 2 . 3 27 27 45 . 8 1.0 •3 31 31 44/ 43 •6 42/ 41 30 • 2 30 .6 39 42 42 25 38/ 37 • 1 48 48 41 53 53 35 47 36/ 1.7 1.3 2.2 33 48 48 .1 1.8 62 62 32/ 31 2.7 52 52 30/ 29 . 1 40 55 50 50 28/ 27 50 53 70 70 2.6 26/ 2.3 3.5 55 65 23 24/ 46 37 1.8 2.7 46 20/ 19 3.8 2.2 59 59 63 38 38 17 2.0 2.0 37 2.4 29 29 32 15 39 15 12/ 11 29 1.3 17 17 10/ 9 1.8 10 10 8/ 20 8 32 •9 33 • 3 3 3 20 0/ • 2 -2/ -3 20 Element (X) Mean No. of Hours with Temperature Total > 80 F ≥ 93 F Rel. Hum. ≤ 32 F Dry Bulb Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFETAL **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 13812 RICKENBACKER AFB UH 68-70,73-79 PAGE 2 1500-1700 HOURS (L. S. T.) TOTAL TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew WET BULB TEMPERATURE DEPRESSION (F) (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 -4/ -5 11 -6/ -7 -8/ -9 -10/-11 -12/-13 -16/-17 -18/-19 -20/-21 -22/-23 930 1.941.032.915.2 6.3 2.5 930 930 0.26.5 (OL Element (X) No. Obs. Mean No. of Hours with Temperature 4062258 977884 64.614.125 29.812.716 60046 930 Rel. Hum 10F 267 F 273 F 280 F ≥ 93 F ± 32 F 930 27744 55.7 Dry Bulb 780634 26.511.729 930 65.0

GLOBAL CLIMATULUGY BRANCH USAFFTAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC RICKENBACKER AFB UH AAI. YEARS PAGE 1 1800-2000 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 62/ 61 60/ 59 58/ 57 56/ 53 50/ 49 48/ 47 25 30 46/ 1.0 30 44/ 43 42/ 29 24 35 37 38/ .4 1.2 2.6 46 33 3.0 32/ 31 29 27 30/ 2.8 28/ 52 52 64 73 61 61 26/ 25 4.2 2.0 3.3 48 48 2.4 3.0 52 22/ 73 58 18/ 17 15 16/ 13 38 36 37 38 10/ 1.1 11 19 30 6/ 1.4 .6 2/ 0/ -2/ 25 Element (X) Mean No. of Hours with Temperature Total Rel. Hum. 10 F 1 32 F 267 F 273 F 280 F 293 F Dry Bulb Wet Bulb

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFFTAC AIR MEATHER SERVICE/MAC RICKENBACKER AFB UH 68-70,73-79 1800-2000 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poir 12 -10/-11 22/-23 929 928 3.752.332.3 9.8 1.8 TOTAL 928 928 No. Obs. 928 68.412.917 63432 4490460 10 F 1 32 F 25186 22776 27.112.537 24.511.897 929 928 828676 61.9 Dry Bulb 1.7 69.4 690198 2.1 16483

GLOBAL CLIMATOLOGY BRANCH USAFETAL PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 13812 RICKENSACKER AFB UH 08-70,73-79 2100-2300 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 62/ 61 60/ 59 10 58/ 57 56/ 55 54/ 53 50/ 48/ 47 23 23 46/ 45 40/ 39 19 1.0 37 38 38/ 1.0 1.6 29 58 58 33 46 1.2 2.8 46 38 32/ 56 31 56 51 30/ 29 51 3.2 25 4.4 2.3 63 63 45 74 26/ 3.9 2.5 60 60 22/ 21 20/ 19 1.8 1.3 4.6 1.6 62 50 18/ 50 56 58 58 4.8 1.1 4.4 3.1 33 33 10/ 1.3 33 19 1.9 19 17 16 1.5 29 2/ -2/ Element (X) Mean No. of Hours with Temperature Ref. Hum. Dry Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 68-70,73-79 JAN RICKENPACKER AFB UH 2100-2300 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. Dry Bulb Wer Bulb Dew Poin WET BULB TEMPERATURE DEPRESSION (F) Temp (F) -6/ -7 .1 12 -8/ -9 11 <u>. U</u> -10/-11 15 -12/-13 -14/-15 -18/-19 -20/-21 -22/-23 -24/-25 -26/-27 928 5.358.57.9 7.4 930 928 928 Element (X) 65190 23469 928 930 70.212.274 25.213.111 Rel. Hum. 1 32 F 65 • 7 751933 Dry Bulb 21344 23.012.429 928 73.6 93 Wet Bulb 634108 3.9 16.714.591

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GLOBAL CLIMATOLUGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENBACKER AFB UH JAN 68-70,73-79 PAGE 1 ALL HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 2 31 | D.B./W.B. Dry Builb Wet Builb Dew Point 68/ 67 66/ 65 64/ 63 62/ 61 •0 •0 .0 •0 60/ 59 •0 58/ -57 55 33 56/ 43 43 22 52/ 51 • 1 50/ 49 87 49 26 . 1 95 48/ 90 80 173 173 90 46/ .0 189 189 1.1 156 102 156 168 .0 40/ 39 226 226 158 160 38/ 37 326 326 .0 235 1.6 188 459 460 315 36/ 35 402 369 405 >34 .1 2.4 2.0 383 383 463 202 32/ 31 400 400 384 297 30/ 29 395 350 28/ 27 1.5 395 392 26/ 444 469 362 513 376 376 23 375 375 380 489 491 19 415 20/ 1.6 342 342 460 406 3.3 18/ 302 302 16/ 351 322 .1 3.7 306 308 306 14/ 13 332 267 267 12/ 11 .1 3.2 õ 188 10/ 187 285 186 186 368 .1 2.4 200 8/ 143 143 284 3 . 2 102 102 135 301 1.2

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENRACKER AFB UH 08-70,73-79 JAN PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | 0.8/W.B. Dry Bulb Wer Bulb Dew Poir (F) 89 198 85 -4/ -5 113 23 -6/ -7 -8/ -9 20 24 82 19 103 -10/-11 12/-13 **()**. 16/-17 18/-19 28 28 -20/-21 (1 -24/-25 -26/-27 -28/-29 5.358.126.0 7.7 2.3 7432 7432 Š 2 5 E Mean No. of Hours with Temperature Element (X) 37301193 517653 69.712.947 7432 267 F 273 F 280 F 293 F # 0 F 1 32 F 6311389 191521 25.713.624 173527 23.312.814 7439 26.7 504.7 30.1 567.6 Dry Bulb 7432 5271743 744 Wet Bulb

GLOBAL CLIMATOLOGY BRANCH §%)€ USAFFTAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC RICKENBACKER AFB UH FEB 68-70,73-79 0000-0200 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 62/ 61 60/ 59 58/ 57 1 56/ 10 54/ 53 -61 52/ 51 15 50/ 49 .2 48/ 47 11 11 46/ 45 ·4 1·1 14 14 3 44/ 43 13 13 .4 1.4 20 20 17 42/ 41 40/ 39 38/ 37 . 8 43 43 1.8 1.9 29 21 13 38/ 1.4 21 32 19 2.5 3.8 1.3 33 34/ 33 64 64 70 70 31 32/ 2.6 4.0 53 45 30/ 29 .5 3.8 3.2 63 63 61 .1 5.2 1.7 67 67 28/ 89 .5 3.9 1.3 .7 4.6 .9 25 78 48 26/ 62 53 53 21 31 31 52 22/ .4 2.7 .1 3.3 20/ 19 37 37 35 76 18/ 17 .5 3.7 35 35 34 27 33 16/ 13 .2 2.1 24 24 26 33 14/ 10/ 2.4 8/ 2.7 26 27 26 15 1.6 6 1.8 15 ತ 23 19 20 20 1.5 2/ . 4 11 18 30 0/ 17 ~2/ 2 -4/ -5 15 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. Tatal 10F : 32 P ≥ 73 F 2 80 F Dry Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENBACKER AFB DH 68-70,73-79 FEB O PAGE 2 0000-0200 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 D.B./W.B. Dry Bulb Wer Bulb Dew Point -6/ -7 -8/ -9 -10/-11 -12/-13 -14/-15 -16/-17 TU:AL 8.456.325.7 8.1 1.3 844 844 Element (X) X 72.811.212 No. Obs. Mean No. of Hours with Temperature 4583524 732134 61474 844 Rel. Hum. 20F ≤ 32 F 26.812.217 24.511.376 22632 845 57.5 Dry Eulb 617084 20706 844 65.8 84 Wet Bulb 1.1 437489 16021 19.012.578 Dew Point

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC RICKENBACKER AFB OH 68-70,73-79 **0300-0500** WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Port 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 58/ 57 56/ 55 52/ 51 50/ 49 10 48/ 46/ 15 15 32 32 39 36/ 31 60 60 37 31 70 70 27 28/ 1.5 50 86 49 46 3.1 34 61 34 52 83 20/ 52 40 3.2 16/ 15 33 33 27 19 43 12/ 21 8/ 14 14 10 10 22 20 1.8 27 27 11 0/ 11 -6/ -7 Element (X) Mean No. of Hours with Temperature Rel. Hum. ± 0 F | ≤ 32 F Dry Bulb

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 13812 RICKENBACKER AFB OH 68-70,73-79 FEB PAGE 2 0300-0500 HOURS (L. S. T.) TOTAL
D.B /W.B. Dry Bulb Wet Bulb Dew Pain WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 -8/ -9 -10/-11 -12/-13 -14/-15 -16/-17 -18/-19 -22/-23 11.257.825.3 4.5 1.2 843 843 843 X x 74.210.954 25.512.405 No. Obs. 4738940 679831 62528 21567 843 1 32 F 10F HZ Dry Bulb 846 1.9 60.9 577594 19786 23,511,595 843 2.8 68.0 Wet Bulb

GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC FEB RICKENRACKER AFB UH 08-70,73-79 PAGE 1 0600-0800 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Buib Wet Bulb Dew Pain 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 21 58/ 57 56/ 55 54/ 53 50/ 8 48/ 47 8 46/ 45 17 17 42/ 13 17 30 38/ 30 37 12 36/ 35 63 33 . 8 63 46 34/ 55 68 31 68 30/ 29 4.6 72 2.8 3.3 46 69 46 26/ 48 56 41 49 61 22/ 44 20/ 48 48 3.2 28 40 16/ 13 38 31 4.0 39 18 18 . 5 20 25 35 10/ 17 8/ 19 6/ 5 13 13 23 16 19 18 2/ 1.9 23 20 • 8 15 25 20 20 0/ -2/ .0 -6/-7-8/ -9 8 Element (X) Rel. Hum. ≥ 73 F > 80 F > 93 F Dry Bulb Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 13812 RICKENBACKER AFB UH 68-70,73-79 FEB 0600-0600 WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 -10/-11 -12/-13 -16/-17 -18/-19 -20/-21 846 13.259.021.6 4.9 1.3 844 844 9 10 to 20 Element (X) No. Obs. 62871 74.510.991 844 4785205 Rel. Hum. ± 0 F ⊴ 32 F 61.9 651507 20909 846 3.2 84 555529 19233 22.811.793 3.9 68.4 Wer Bulb

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GLOBAL CLIMATOLUGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PSYCHROMETRIC SUMMARY RICKENRACKER AFB UH 68-70,73-79 PAGE 1 0900-1100 WET BULB TEMPERATURE DEPRESSION (F) HOURS (L. S. T.) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Buib Wet Bulb Dew Point 64/ 63 58/ 57 56/ 54/ 53 52/ 51 50/ 49 10 48/ 47 .6 10 46/ 12 12 43 27 40/ 19 38/ 37 35 35 21 36/ 35 40 18 33 69 69 36 23 32/ 68 68 30/ 72 70 28/ 27 2.0 79 3.0 23 21 51 .6 2.4 42 61 <u>51</u> 50 20/ 37 38 2.7 33 33 23 26 12/ 2.1 27 35 19 19 C 29 32 8/ 21 46 31 20 20 11 23 0/ 20 -2/ 21 16 Element (X) Rel. Hum. Mean No. of Hours with Temperature Dry Bulb ± 0 F 267 F 273 F Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFFTAC AIR WEATHER SERVICE/MAC RICKENRACKER AFB UH 68-70,73-79 PAGE 2 0900-1100 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point -8/ -9 -10/-11 -12/-13 -16/-17 -18/-19 -20/-21 TOTAL 6.547.129.311.7 4.3 845 845 Rel. Hum. 4239435 58779 69.613.363 845 ± 32 F 813030 664566 24052 21696 28.412.366 25.711.286 846 51.1 Dry Bulb . 8 845 62.3 Wet Bulb 16330 19.312.647 84

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GLOBAL CLIMATOLUGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC EFR RICKENBACKER AFB UH 68-70,73-79 1200-1400 WET BULB TEMPERATURE DEPRESSION (F) Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 2 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb | Wer Bulb | Dew Poin 70/ 69 66/ 65 64/ 63 62/ 61 60/ 59 58/ 57 56/ 55 18 18 53 52/ 51 1.1 50/ 49 1.1 25 27 25 15 48/ 27 8 46/ 45 29 29 42/ 37 33 40/ 39 37 1.1 . 81 55 38 55 37 1.8 1.5 38/ 83 36/ 35 .1 83 41 37 31 2.1 1.8 53 35 32/ 53 69 30/ 29 2.0 42 28/ 27 48 48 45 25 1.9 45 26/ 23 2.1 24/ 1.7 53 48 37 3.2 19 20/ 25 21 2.0 28 2.1 21 30 16/ 27 17 12 12/ 11 ತ 15 31 3 5 19 Element (X) ≥67 F | ≥73 F | ≥80 F | ≥93 F Rel. Hum. ≤ 32 F Dry Bulb Wet Bulb C 3

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GLOBAL CLIMATULOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 13812 RICKENBACKER AFB UH 68-70,73-79 PAGE 2 1200-1400 HOURS (t. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

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TOTAL

D.B./W.B. Dry Bulb Wet Bulb Dew Poin (F) 0/ -1 -2/<u>-3</u> -4/ -5 -6/ -7 -8/ -9 -10/-11 -12/-13 2.133.628.016.0 9.8 7.0 2.4 1.2 TOTAL 846 846 846 õ X 62.316.218 33.512.179 No. Obs. Element (X) Avon No. of Hours with Temperature 52747 28362 846 Rel Hum. 1076170 38.9 84 Dry Bulb 846 822149 24819 29.310.549 846 54.6 84 Wet Bulb 17868

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENBACKER AFB UH FEB PAGE 1 1500-1700 WET BUL'S TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 21 D.B. W.B. Dry Bulb Wet Bulb Dew Pain 70/ 69 66/ 65 64/ 63 10 10 60/ 59 10 58/ 57 56/ 55 20 52/ 51 . 6 29 17 .1 17 50/ 49 48/ 47 27 16 46/ 45 24 43 34 40 40 40/ 56 38/ 37 2.4 2.5 . 8 66 22 28 66 25 35 52 36/ 2.5 1.5 52 33 2.6 1.1 63 63 32 32/ 31 2.2 2.2 1.2 58 88 29 27 1.3 1.5 40 46 30/ 40 43 28/ 2.7 . 8 26/ 3.3 73 3.2 41 .9 2.8 33 .1 53 33 55 20/ 19 1.8 22 22 18 15 1.8 26 16/ 1.3 26 39 19 12/ 48 29 8/ 19 20 20 2/ Element (X) No. Obs. Mean No. of Hours with Temperature 0 ५ Rel. Hum. ≥73 F > 80 F ≥ 93 F # 0 F 1 32 F Dry Bulb Wet Bulb Dew Point

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFFTAC AIR WEATHER SERVICE/MAC 13812 RICKENRACKER AFB OH FEB 68-70,73-79 £. PAGE 2 1500-1700 Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL C D.B. W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 0/ -1 -2/-3-4/ -5 -6/ -7TOTAL 1.925.430.915.411.0 8.7 4.4 1.5 846 846 846 a 0.26-5 3 5 2 5 Element (X) Meen No. of Hours with Temperature 3298766 50818 60.117.069 846 Rel. Hum. 1 32 F 35.312.072 1177005 29859 846 35.4 Dry Bulb 25825 846 876733 30.510.228 49.5 84 Wes Bulb 18384 21.712.007 84

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GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC RICKENBACKER AFB UH 68-70,73-79 FEB PAGE 1 1800-2000 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 (F) TOTAL 66/ 65 D.B./W.B. Dr, Bulb Wet Bulb Dew Point 62/ 61 60/ 59 6 56/ 53 13 13 10 10 1.3 •6 50/ 25 48/ 11 11 43 23 23 42/ 41 30 30 11 40/ 39 35 35 30 •1 36 36 .1 36/ 35 48 48 24 34/ 33 2.0 4.6 76 76 3.3 4.0 1.8 3.6 2.0 .7 1.7 2.1 .6 32/ 31 76 76 30/ 29 81 81 27 28/ 54 95 26/ 38 38 72 23 37 2.1 37 1.8 58 67 • 1 22/ 2.4 37 37 40 53 20/ 3.6 40 40 70 43 55 15 16/ 1.3 28 28 48 45 13 17 35 46 12/ 11 2.0 21 21 35 10/ (OL A) 22 8/ • 5 19 . 4 4/ 11 20 0/ 21 -2/ -3 Element (X) Rel. Hum. Mean No. of Hours with Temperature Dry Bulb 2 0 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Total Wer Bulb Dew Point

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFFTAC AIR MEATHER SERVICE/MAC 13812 RICKENBACKER AFB UH FEB 08-70,73-79 (PAGE 2 1800-2000 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin Ø, (F) -4/ -5 -6/ -7 -8/ -9 0 -10/-11 -14/-15 2.136.834.116.2 7.8 2.1 844 TUTAL 844 Element (X) 3848176 963354 844 66.014.073 ≥67 F | +73 F | +80 F | ≥93 F Rel. Hum. 1 32 F 31.811.294 28.410.218 26876 844 43.4 Dry Bulb 23933 59.0 766669 844 17928

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GLOBAL CLIMATOLOGY BRANCH USAFETAC O 3 **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENRACKER AFB UH 13812 STATION FEB 08-70,73-79 PAGE 1 2100-2300 WET BULB TEMPERATURE DEPRESSION (F) TOTAL **(**) (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.b. W.B. Dry Bulb Wet Bulb Dew Point 62/ 61 60/ 59 58/ 57 58/ 56/ 55 54/ 53 $\overline{11}$ 52/ 51 13 50/ 49 8 48/ 21 21 46/ .6 1.2 1.0 _43 1.3 22 30 41 1.0 30 4 i 38/ 37 19 19 1.0 4.0 52 36/ 1.0 52 33 2.9 4.6 84 84 33 2.0 68 58 32/ 4.8 1.3 63 29 30/ 4.0 4.3 84 86 3.4 48 48 48 28/ 27 96 26/ 3.1 1.8 43 61 54 23 .6 3.3 37 37 60 67 73 22/ 21 1.8 1.7 31 31 35 19 4.5 •6 48 48 18/ 17 4.2 38 38 48 57 • 4 43 39 19 28 14/ 13 1.9 18 24 22 2.5 38 10/ 15 42 15 1.8 24 20 8/ 20 2.3 . 8 6/ 5 12 18 õ 10 10 10 10 30 2/ I • 1 0/ 18 17 -2/ Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. Dry Bulb Wet Bulb Dew Point

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0 GLOBAL CLIMATOLOGY BRANCH (Mag C) USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 13812 RICKENPACKER AFB UH FEB 68-70,73-79 0 PAGE 2 2100-2300 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.8 /W.B. Dry Bulb Wer Bulb Dew Point -6/ -7 -8/ -9 (-10/-11 -14/-15 -16/-17 (, 5.549.432.111.3 1.5 842 842 842 (õ 0.26.5 Mean No. of Hours with Temperature 39566 4327724 70.711.633 842 ≤ 32 F 267 F | 273 F | 280 F | 293 F 811954 24228 28.811.684 842 52.2 Dry Bulb 22041 26.210.866 17002 20.212.279 842 676271 63.7 Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH € PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC RICKENRACKER AFB UH FEB 08-70,73-79 PAGE 1 ALL HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 Wet Bulb Dew Poir 70/ 69 .0 66/ 65 64/ 63 .0 .0 60/ • 1 • 1 58/ 57 .0 56/ 54/ 53 **T3** 52/ 50/ 49 48/ 47 46/ 45 .0 .0 38/ • 3 .3 •0 32/ • 1 •0 28/ .0 .0 26/ 22/ 16/ 2.4 12/ 8/ 6/ 4/ 2 S 2/ Mean No. of Hours with Temperature Element (X) Total Rel. Hum. SOF ≤ 32 F 267 F 273 F 280 F Dry Bulb Wet Bulb Dew Point

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC RICKENBACKER AFB UH 68-70,73-79 PAGE 2 ALL HOURS (L. S. T.) Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | * 31 0/ -1 58 132 121 15 .0 64 32 -20/-21 -22/-23 TUTAL 6754 6.445.728.411.0 4.8 2.4 6754 6754 No. Obs. 6754 6761 68.814.316 Mean No. of Hours with Temperature 33332733 464523 0 F = 32 F 7.5 401.3 Rel. Hum. 6904985 198485 29.412.628 672 Dry Bulb 178039 9.4 491.3 Wet Bulb 5556595 26.411.307 6754 672 572 GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC RICKENBACKER AFB UH 67-70,73-78 MAR PAGE 1 0000-0200 WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 70/ 69 66/ 65 64/ 63 •5 62/ 61 20 27 .0 56/ 1.5 18 . 8 31 50/ 49 48/ 33 46 35 46 43 56 39 56 31 3.7 70 51 36/ 79 50 79 71 31 48 81 48 30/ 29 81 84 2.9 43 88 27 28/ 27 27 69 26/ 32 23 29 20 20/ 13 42 18/ 35 12/ 20 8/ 6/ Σx2 No. Obs. Element (X) Mean No. of Hours with Temperature Ref. Hum. 2 73 F ≥ 80 F ≥ 93 F Total Wet Bulb Dew Point

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GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/HAC RICKENBACKER AFB UH 67-70,73-78 MAR 0000-0200 PAGE 2 TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 0/ -1 930 930 TOTAL 930 930 ತ Element (X) No. Obs. Mean No. of Hours with Temperature 930 Rel. Hum. 4950899 ≥ 73 F ≥ 80 F 1498292 930 35764 38.511.504 31.3 Dry Bulb 1248963 32631 35.110.582 930 43.6 Wet Bulb

GLOBAL CLIMATULUGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC RICKENBACKER AFB UH 67-70,73-78 PAGE 1 0300-0500 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 = 31 70/ 69 63 62/ 60/ 26 29 32 21 65 36 31 84 68 85 55 55 81 65 2.5 73 30 20/ 39 13 16/ 20 16 18 8/ . 2 Σχ' Element (X) Mean No. of Hours with Temperature Total = 73 F = 80 F Rel. Hun. Dry Bulb

€ GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC RICKENRACKER AFB UH MAR 67-70,73-78 PAGE 2 0300-0500 HOURS (L. S. T.) TOTAL TOTAL
D.B./W.B. Dry Bulb Wei Bulb Dew Poin Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 0/ -1 -2/ -3 -6/ -7 3.346.733.112.4 3.4 1.1 930 930 TOTAL 930 930 Element (X) Mean No. of Hours with Temperature No. Obs. 5278952 1387177 930 Rel. Hum. 69242 1 32 F 2 67 F ≥ 73 F 36.811.857 930 Dry Bulb 34185 37.4 1180972 31514 930 47.4 Wet Bulb

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GLOBAL CLIMATOLUGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENBACKER AFB UH 67-70,73-78 0600-0800 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 70/ 69 66/ 65 64/ 63 8 60/ 59 18 58/ 57 23 23 55 56/ 14 51 27 • 1 50/ 49 27 27 37 37 35 38 38 41 39 1.1 36 36 36 39 40/ 48 36 37 59 38/ 2.8 59 36/ 35 53 53 74 49 31 86 32/ 86 83 30/ 4.0 61 61 3.8 55 38 38 68 3.7 23 45 51 20 20 20/ 2.6 28 25 16/ 27 11 12/ 3 7 4/ Element (X) Mean No. of Hours with Temperature ≥67 F | ≥73 F | ≥80 F | ≥93 F Dry Bulb Wet Bulb

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GLOBAL CLIMATGLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC MAR RICKENBACKER AFB OH 67-70,73-78 0600-0800 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPPESSION (F) TOTAL 0 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 0/ -1 -6/ -7 930 930 TUTAL 4.748.5 3.2 9.5 3.3 70281 70281 75.611.033 36.212.096 33.511.229 9₃₀ 9₃₀ 5424283 1355441 ± 32 F ≥ 67 F = 73 F = 80 F = 93 F 33677 Dry Bulb 38.7 1160289 31147 930 49.0 93 Wet Bulb 93 60.4

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D.B. W.B. Dry Bulb Wet Bulb Dew Point ((F) 76/ 75 74/ 73 72/ 71 8 70/ 69 68/ 67 12 66/ 65 64/ 63 20 20 62/ 61 59 22 22 30 30 58/ .1 25 55 56/ 37 37 • 5 34 35 52/ 51 39 39 50/ 45 42 48/ 1.6 44 44 40 46/ .6 41 41 42 59 39 37 40/ 65 38/ 37 66 76 35 36/ 66 63 76 83 32/ 31 78 2.7 36 72 30/ 39 64 54 28/ 27 77 25 261 24/ 23 50 1.0 • 5 1.0 22/ 19 20/ 8 15 27 18/ 17 16/ .5 14/ 13 12/ 11 10/ Element (X) 267 F | 273 F | 280 F Ref. Hum. ±0 F ± 32 F Dry Bulb Wet Bulb

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GLOBAL CLIMATULOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENBACKER AFB UH 67-70,73-78 PAGE 2 0900-1100 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 15 8/ 4/ 2/ 0/ -1 930 930 .925.832.470.9 9.7 5.3 3.2 1.4 930 930 ĝ € 0.26.5 No. Obs. 8 % 66.614.401 Element (X) Mean No. of Hours with Temperature USAFETAC 4316408 61928 930 Rel. Hum. ± 32 F 267 F 273 F 280 F 293 F 42.012.796 37.411.298 21.5 Dry Buth 1790033 39029 930 34804 930 1421074 93 Wer Bulb 28832 31.012.588

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC RICKENRACKER AFB UH MAR 67-70,73-78 1200-1400 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.S./W.B. | Dry Bulb | Wet Bulb | Dew Point Temp. (F) 27 14/ 13 10/ 8/ 6/ 2/ 930 930 13.520.520.315.612.0 6.1 4.9 3.7 TOTAL 930 930 X 4 57.216.729 47.413.872 Element (X) 930 930 3298218 2272155 Rel. Hum. 53156 44123 267 F 273 F 280 F ≤ 32 F 11.3 12.4 Dry Bulb 1650150 40.611.378 930 37720 24.6 Wer Bulb

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C GLOBAL CLIMATOLOGY BRANCH (May C PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 67-70,73-78 RICKENBACKER AFB OH HAR **(**: 1500-1700 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 D.B. W.B. Dry Bulb Wet Bulb De. Point 82/ 81 80/ 79 78/ 77 . 3 13 13 .3 73 27 27 72/ 71 70/ 69 . 2 . 6 • 1 24 25 22 35 68/ 67 24 66/ 65 •6 25 64/ 63 • 6 22 62/ 61 35 22 60/ 59 • 6 . 6 58/ 33 33 . 2 28 28 16 56/ 33 33 • 6 52/ 51 . 8 40 40 50/ 49 .6 48/ 47 51 45 49 46/ 44/ 43 2.0 64 57 42/ 41 2.3 59 59 32 40/ 39 1.0 58 38/ 37 . 9 43 1.6 . 8 39 59 36/ 33 1.4 41 76 34/ 41 1.0 1.3 24 31 49 24 50 32/ 31 . 6 30/ 29 . 8 31 26/ 25 . 8 36 54 .3 23 22/ 21 15 50 20/ 19 18/ 17 16/ 15 Element (X) Mean No. of Hours with Temperature Rel. Hum. 10F 247 F | 273 F | 280 F Dry Bulb Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFETAL **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 13812 RICKENPACKER AFB DH 07-70,73-78 1500-1700 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 * 31 D.B./W.6. Dry Bulb Wet Bulb Dew Pain 14/ 13 26 10/ 8/ 6/ 2/ .110.818.518.215.715.2 6.9 5.0 3.0 929 C C No. Obs. 929 \$0707 45541 3049585 2410347 Rel. Hum. ≥ 73 F > 80 F ≥ 93 F Dry Bulb 41.411.133

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENBACKER AFB OH MAR 67-70,73-78 €. 1800-2000 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 78/ 77 76/ 75 74/ 73 8 72/ 71 Q 9 .6 70/ 69 • 3 • 1 68/ 67 18 18 66/ 65 28 28 64/ 63 62/ 61 .6 27 27 13 • 2 <u>.</u>8 60/ 59 28 28 58/ 57 45 56/ 55 30 53 54/ .6 . 8 • 8 34 30 . 0 52/ 51 . 8 38 38 33 .6 •6 . 1 50/ 49 . Ĩ 41 30 29 48/ 47 . 8 41 42 46/ 45 .6 • 6 46 33 44 44 42/ 41 1.3 63 36 40/ 39 3.0 76 58 28 76 38/ 37 33 1.5 2.6 63 63 68 57 36/ 35 53 53 33 . 8 76 33 1.6 1.6 40 • 2 2.3 1.7 53 32/ 29 37/ 1.2 2.0 34 59 61 27 25 1.0 19 20 7 73 26/ 49 25 1.2 20 56 24/ 23 22/ 21 • 8 48 20/ 35 18/ 17 .3 • 1 16/ 35 14/ 13 22 70EN 16 No. Obs. Element (X) Mean No. of Hours with Temperature Rel. Hum. Dry Bulb Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 13812 RICKENDACKER AFB UH 67-70,73-78 1800-2000 TOTAL TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 10/ 8/ 5 6/ 2/ 1.414.825.123.916.1 7.7 5.7 2.5 930 930 930 930 8 0.26.5 (OL Element (X) 3725664 56892 930 ≥ 67 F ≥ 73 F ≥ 80 F 45.212.623 39.410.851 Dry Bulb 2047789 42033 **430** 15.5 930 1553633 36649 Wet Bulb

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: 0 GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC \mathbb{C} 13812 RICKENBACKER AFB UH 67-70,73-78 0 PAGE 1 2100-2300 WET BULB TEMPERATURE DEPRESSION (F) **(**) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 70/ 69 68/ 67 C^i • 5 66/ 65 21 22 22 62/ 61 (3 60/ 59 23 58/ 53 41 52/ 51 24 42 59 50/ 49 3C 20 59 46/ 45 48 50 42/ 41 1.1 1.6 60 40/ 39 1.8 60 61 75 61 75 37 38/ 1.6 3.3 33 73 3.9 30/ 2.0 2.5 38 54 38 27 38 66 28/ 25 34 76 26/ 1.6 1.6 58 16 16 23 1.3 53 54 42 1.2 13 14/ . 3 ತ 16 10/ 10 Zy? Mean No. of Hours with Temperature Element (X) Rel. Hum. ⊴ 32 F ≥ 73 F ≥ 80 F ≥ 93 F Dry Bulb Wet Bulb C 3

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D.B./W.B. Dry Bulb Wet Bulb Dew Poin WET BULB TEMPERATURE DEPRESSION (F) Temp. **(** · 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 2/ 1 1.627.534.921.4 8.5 4.3 1.4 930 TOTAL () 930 930 õ 0.26.5 X 68,413,351 Element (X) No. Obs. 930 4519251 63631 Rel. Hum. ± 32 F 41.011.607 Dry Bulb 1688735 38133 930 23.5 34348 930 1371188 36.8 Wet Bulb 30.911.876

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(GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAR RICKENBACKER AFB UH 57-70,73-78 ALL HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 > 31 D.B./W.B. Dry Bulb Wet Bull Dew Pois .0 82/ 81 80/ 79 32 .0 •0 29 57 74/ 73 •0 72/ 71 60 70/ 69 73 • 2 • 0 81 81 68/ 67 • 3 66/ 65 .0 117 117 22 64/ 63 133 133 62/ 61 149 149 .1 • 3 68 60/ 59 185 185 .0 120 57 254 58/ . 8 195 •0 204 204 104 1.96 53 .0 261 261 238 162 •0 52/ 51 264 264 260 201 49 284 284 50/ •0 219 . 6 319 363 363 235 48/ 47 .0 241 322 46/ 45 373 373 258 369 369 370 358 358 347 269 40/ 445 446 394 _ 272 470 268 471 471 38/ 37 465 453 383 465 .0 2.0 33 493 493 553 344 392 478 478 29 386 585 386 30/ 288 288 464 484 28/ 586 26/ 25 208 208 425 161 161 250 436 22/ 21 117 180 458 90 90 426 20/ 309 17 68 68 18/ 93 46 46 Element (X) Mean No. of Hours with Temperatu 267 F | 273 F | 280 F Rel. Hum. Dry Bulb Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH 3 USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENBACKER AFB DH 67-70,73-78 MAR () PAGE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Pair 14/ 13 21 185 21 • 0 13 123 13 O 10/ • 0 10 114 72 8/ 6/ • 0 6 2/ .0 .0 -2/ -6/ -7 TOTAL 1.828.129.317.7 9.7 6.0 3.0 1.8 1.1 7439 0 7439 7439 O O Element (X) Zx No. Obs. Mean No. of Hours with Temperature 492746 ≥ 67 F ≥ 73 F ≥ 80 F 34563260 66.216.086 7439 ≤ 32 F 7440 190.4 14449969 312485 42.013.348 34.7 13.3 Dry Bulb 37.311.351 .1 284.7 744 277231 7439 Wet Bulb 11290041

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GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC APR RICKENBACKER AFB OH 67-70,73-78 YEARS MONTH 0000-0200 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 76/ 75 74/ 73 70/ 69 20 68/ 67 19 19 66/ 65 .9 .7 64/ 63 1.0 . 3 32 62/ 61 1.0 36 36 . 6 1.7 49 60/ 59 . 8 (: 57 35 58/ 57 1.4 1.1 1.8 48 33 48 56/ 55 1.1 1.4 1.3 33 53 1.4 51 51 54/ . 1 52/ 51 .9 1.4 46 1.0 58 1.0 1.7 58 50/ 49 48/ 47 1.0 1.2 35 35 31 2.7 2.7 61 61 47 <u> 60</u> 46/ 45 3.1 1.7 60 60 44/ 43 70 70 5.1 1.0 42/ 76 2.0 5.0 1.2 76 37 1.9 57 57 56 38/ 3.3 1.1 83 1.0 97 31 31 36/ 35 1.8 71 75 31 34/ 33 1.0 1.9 31 52 71 31 29 1.1 1.9 28 28 32/ .4 1.6 .3 .9 19 37 55 30/ 47 11 28/ 28 26/ 25 24/ 23 19 8 22/ 21 20/ 19 22 18/ 17 16/ 15 899 TUTAL .620.739.323.0 9.7 4.8 1.7 899 899 FORM NA 64 Element (X) No. Obs. Mean No. of Hours with Temperature 63470 Rel. Hum. 4612370 70.612.094 899 ≤ 32 F ≥ 67 F | ≥ 73 F | ≥ 80 F 90 42963 47.810.174 Dry Bulb 2146141 899 5.8 1770859 39019 43,4 9,280 899 10.4 90 Wet Bulb 27.0 90 34468

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GLOBAL CLINATOLOGY BRANCH (8) USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC RICKENBACKER AFB UH 67-70,73-78 0300-0500 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 68/ 67 • 1 66/ 65 25 30 25 6+1 00 30 62/ 61 60/ 59 48 48 39 39 58/ 57 • 3 56/ 55 44 36 2.0 1.3 49 49 27 38 51 45 52/ 2.1 50/ 49 39 45 48/ 47 1.3 52 52 48 46/ 45 38 44/ 43 1.7 2.7 49 49 53 65 58 42/ 41 30 .1 3.1 4.8 2.7 3.4 40/ 39 62 60 62 65 .3 3.2 3.0 65 74 35 36/ 47 34/ 33 2.6 2.6 67 32/ 31 2.4 1.9 39 54 73 18 30/ 29 52 28/ 27 .2 1.2 1.3 43 26/ 25 19 20/ 26 18/ 17 16/ 15 14/ 13 .832.040.217.9 5.3 3.6 900 TOTAL 900 900 Element (X) Mean No. of Hours with Temperature 900 66612 74.011.319 Rel. Hum. 5045364 ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F ≾ 32 F 900 9.2 1959702 45.510.379 40946 Dry Bulb 900 1658886 37662 41.8 9.600 16.2 Wet Bulb 90

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GLOBAL CLIMATULOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC RICKENRACKER AFB UH 67-70,73-78 0900-1100 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 > 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poir 82/ 81 80/ 79 78/ 77 76/ 75 18 74/ 73 16 16 17 72/ 71 70/ 69 35 35 68/ 67 66/ 65 .4 64/ 63 57 59 62/ 61 60/ 59 59 52 58/ 57 40 40 33 56/ 55 54/ 53 49 47 52/ 51 50/ 49 66 66 33 48/ 47 63 66 59 70 61 41 61 46/ 45 1.8 1.8 36 46 46 42 41 42/ 40/ 39 47 34 17 67 38/ 37 17 75 36/ 35 47 33 34/ 89 32/ 31 • 1 50 30/ 29 28/ 27 26/ 25 22/ 21 20/ 19 18/ 17 Element (X) Mean No. of Hours with Temperature 4 0 F Dry Bulb Wet Bulb

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GLOBAL CLIMATULOGY BRANCH USAFETAC C 670 (**PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENRACKER AFL UH 47-70,73-78 APR 0900-1100 PAGE 2 HOURS (L. 5. T.) WET BULB TEMPERATURE DEPRESSION (F)

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D.B. ✓ N.B. Dry Bulb | Wet Bulb | Cew Point | D.B. ✓ N.B. | Dry Bulb | Wet Bulb | Cew Point | D.B. ✓ N.B. | Dry Bulb | Wet Bulb | Cew Point | D.B. ✓ N.B. | Dry Bulb | Wet Bulb | Cew Point | D.B. ✓ N.B. | Dry Bulb | Wet Bulb | Cew Point | D.B. ✓ N.B. | Dry Bulb | Wet Bulb | Cew Point | D.B. ✓ N.B. | Dry Bulb | Wet Bulb | Dry Bulb | Wet Bulb | Dry Bulb | Dry Bulb | Wet Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bulb | Dry Bul Temp. (F) 14/ 13 12/ 11 898 .311.017.922.319.013.9 8.5 4.6 1.2 DTAL 898 898 C 0.26.5 54787 54787 61.015.532 No. Obs. 898 3558951 Rel. Hum. ≥ 67 F ≥ 73 F ≤ 32 F 12.6 Dry Bulb 2685051 48115 53.610.924 898 2047622 42034 46.6 9.448 898 90 Wet Bulb

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GLOBAL CLIMATULUGY BRANCH § € USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 13812 RICKENRACKER AFB UH .7-70,73-78 C 1500-1700 WET BULB TEMPERATURE SEPRESSION (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 86/ 85 84/ 83 21 21 82/ 81 80/ 79 25 78/ 77 .6 . 8 30 • 2 76/ 75 74/ 73 74/ 40 69 68/ 67 62 66/ 65 64/ 63 60/ 58/ 56/ 44 50/ 45 32 86 40/ 38/ 80 30/ 28 22/ 21 Dry Bulb Wet Bulb

GLOBAL CLIMATOLUGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 13812 RICKENRACKER AFB OH 67-70,73-78 PAGE 2 1500-1700 TOTAL TOTAL
D.8. W.B. Dry Bulb Wet Bulb Dew Poin WET BULB TEMPERATURE DEPRESSION (F) (F) 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 2 31 18/ 17 16/ 15 14/ 13 12/ 11 900 900 TOTAL 5.2:0.810.6 8.813.115.711.710.8 6.9 3.7 1.8 1.0 900 900 0.26.5 (OL 900 Rel. Hum. 2509654 49.518.330 ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F 60.811.559 50.2 9.088 900 3445513 54707 28.7 16.0 Dry Bulb 90 2346500 45222 900

GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENPACKER AFB UH APR 67-70,73-78 PAGE 1 1800-2000 WET BULB TEMPERATURE DEPRESSION (F) D.B. W.B. Dry Bulb Wet Bulb Dew Point 82/ 81 80/ 79 78/ 77 15 15 76/ 75 28 72/ 71 41 70/ 69 33 68/ 67 33 66/ 65 52 52 52 64/ 63 62/ 52 61 . 6 61 48 57 58/ 58 58 56/ 58 58 54/ 48 48 48 54 43 43 42/ 23 26 26 40/ 39 38/ 30/ 26/ 22/ 20/ 18/ 17 Element (X) Mean No. of Hours with Temperature ≥ 67 F | ≥ 73 F | ≥ 80 F Ref. Hum. # 93 F 10F Dry Bulb

GLOBAL CLIMATOLOGY BRANCH USAFFTAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC APR RICKENRACKER AFB UH 67-70,73-78 PAGE 2 1800-2000 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 14/ 13 900 900 7.613.414.215.016.315.4 9.0 4.8 2.3 900 900 õ FORM NI 64 Element (X) Ne. Obs. Mean No. of Hours with Temperature O OO OO USAFETAC 3021333 3034990 49715 53.217.494 57.110.723 900 ≥ 67 F = 73 F > 80 F = 93 F Rel. Hum. 900 51366 18.2 Dry Bulb 2196399 43719 48.6 8.991 900

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GLOBAL CLIMATOLUGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENBACKER AFB UH 07-70,73-78 PAGE 1 2100-2300 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 * 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 74/ 73 72/ 71 2 . 3 70/ 69 • 6 .7 . 2 1.2 .1 • 1 17 17 68/ 67 66/ 65 1.1 39 39 64/ 63 32 32 57 62/ 61 25 60/ 59 62 58/ 57 1.2 .1 26 1.1 66 60 46 56/ 55 . 8 60 1.6 53 61 40 54/ 1.7 1.2 1.2 . 9 52/ 51 50 50 32 1.4 41 53 53 50/ 49 55 .9 2.1 3.1 3.3 48/ 47 62 43 50 46/ 45 50 44 54 54 42 42/ 41 2.9 2.7 10/ 39 45 45 81 51 70 27 27 38/ 37 55 28 48 88 36/ 35 1.2 1.6 33 11 Π 33 53 34/ • 3 67 30/ 29 . 7 45 28/ 27 44 19 26/ 25 22/ 21 20/ 19 20 11 18/ 17 16/ 15 898 898 .111.927.525.617.611.7 3.7 898 898 FOEW 24 64 No. Obs. Element (X) Mean No. of Hours with Temperature 3998390 58652 46114 Ret. Hum. 898 90 2455634 51.4 9.882 898 1.9 5.7 Dry Bulb 41092 1954550 45.8 9.095 898 6.4 90 Wet Bulb 90 1509765 35543

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/HAC RICKENRACKER AFB UH 67-70,73-78 ALL PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 86/ 85 84/ 83 82/ 81 • 2 64 80/ 79 64 78/ • 0 76/ 75 90 .0 107 107 74/ 73 72/ 71 136 136 70/ 69 189 210 68/ 67 303 303 15 66/ 65 310 310 20 61 384 384 62/ 451 60/ 59 57 364 364 368 58/ 280 383 383 56/ 55 380 419 419 305 392 392 410 410 314 50/ 424 366 366 436 436 388 388 563 362 607 362 42/ 41 402 40/ 39 357 357 467 280 37 280 486 224 380 579 326 34/ 33 .8 1.0 585 128 30/ .6 68 52 18 232 26/ 25 80 • 1 163 22/ 21 136 20/ 19 No. Obs. Element (X) Mean No. of Hours with Temperature Rel. Hum. 10F ≤ 32 F Dry Bulb Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC RICKENRACKER AFB UH ΔPR PAGE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.E | Dry Bulb | Wet Bulb | Dew Point 18/ 17 113 16/ 15 14/ 13 12/ 11 7195 .415.624.918.111.810.3 7.5 4.8 3.2 1.7 7195 TUTAL 7195 7195 No. 0bs. 7195 Element (X) Mean No. of Hours with Temperature 451162 30497580 Rel. Hum. 52.612.101 46.0 9.819 39.111.046 378696 20985484 7195 27.1 Dry Bulb 331283 7195 Wet Bulb 15947063 59.2 720

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GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC RICKENAACKER AFB UH 67-70,73-78 MAY PAGE 1 0000-7200 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 76/ 75 • 1 74/ 73 . 3 72/ 71 70/ 69 1.7 1.0 37 37 68/ 67 53 1.2 1.0 1.8 1.0 • 8 53 66/ 65 2.6 1.0 55 64/ 63 3.8 1.5 2.3 60 69 2.5 2.8 1.0 69 60/ 59 4.1 1.6 73 58/ 57 1.7 1.9 1.4 61 61 80 53 . 8 .8 56/ 55 2.9 2.6 69 69 2.3 3.5 54/ 53 81 81 47 52/ 51 68 3.0 1.6 • 3 68 50/ 49 48/ 47 2.8 1.9 62 62 87 46/ 45 33 71 1.8 70 33 44/ 43 37 37 59 65 1.5 1.0 42/ 41 .1 1.1 . 8 18 18 62 58 40/ .9 1.7 33 38/ 37 32 21 36/ 35 40 22 15 25 32/ 31 18 30/ 29 28/ 6 <u>26/ 25</u> 12 24/ 23 3 22/ 21 20/ 19 930 930 .325.134.303.911.3 4.7 930 5377474 69810 75.112.153 930 Rel. Hum. ≥67 F | ≥73 F | ≥80 F | ≥93 F 930 56.2 8.484 2999266 52222 Dry Bulb 11.0 2573340 48296 51.9 8.382 930 930 6.0

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GLOBAL CLIMATULOGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/HAC RICKENDACKER AFB OH 67-70,73-78 MAY 0300-0500 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 2 31 74/ 73 72/ 71 70/ 69 1.0 68/ 67 . 6 23 3.4 1.1 1.5 1.4 67 10 66/ 65 67 13 68 68 20 62/ 61 83 83 80 JO/ 59 75 75 75 76 57 58 58 65 58/ 67 2.0 62 50 56/ 55 65 53 2.3 2.2 78 78 43 52/ 49 66 50 50/ 1.3 3.5 1.6 66 60 51 76 47 76 98 46/ 2.5 54 54 44/ 43 29 29 69 32 32 67 42/ 41 1.7 55 40/ 39 37 37 67 37 1.0 17 17 27 36 38/ • 5 35 . 8 20 20 35 36/ 28 30 34/ 33 30/ 29 27 10 28/ 26/ 25 13 24/ 23 20/ 19 .936.836.318.7 930 930 TUTAL 930 930 Element (X) Σx No. Obs. Mean No. of Kours with Temperature 5852953 2767784 78.511.418 53.9 8.689 73011 930 Rel Hum. 267 F 73 F 280 F 293 F 930 Dry Bulb 5008B 3.9 50.4 8.646 47.1 9.882 930 Wer Bulb 2432596 46880 1.4 93

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GLOBAL CLIMATOLOGY BRANCH USAFFTAL AIR WEATHER SERVICE/MAC RICKENBACKER AFB UH

PSYCHROMETRIC SUMMARY

07-70,73-78 YAM 0600-0800 HOURS (L. S. T.) PAGE 1

| Temp. | | | | | | | BULB 1 | | | | | | | | | | TOTAL | | TOTAL | |
|-----------------------|--------------------|-------|--------------|---------|--|--------------|--------------|---------|------------|---------------|----------|--------------|---------------|----------|------------|------------|-------------|-------------|--------------|--------------|
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| 70/ 69 | - 1 | . 4 | .9 | .8 | .6 | .2 | .1 | | 1 | l | | | | | ļ | - 1 | 2 | 8 28 | 5 5 | |
| 68/ 67 | | .6 | 1.8 | 1.4 | •5 | • 2 | | ,1 | | I | i | | | | | | 4 | 44 | 16 | |
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| 64/ 63 | | 4.0 | | 1.0 | •6 | • 3 | • 1 | | 1 | | | i | | | | | 70 | 70 | 62 | 24 |
| 62/ 61 | | 4.2 | 2.8 | 2.3 | -4 | .4 | | | ì | 1 | |] | 1 | } | | 1 | 9 | 4 94 | 66 | 55 |
| 60/ 59 | . ! | | | 1.6 | | • 2 | | | | | I | T | | | | | 6 | 2 62 | 78 | 68 |
| 58/ 57 | . 2 | 2.0 | 1.9 | 1.2 | .6 | • 2 | ١. | | | | | 1 | | | | ł | 51 | 3 58 | 75 | |
| 56/ 55 | | 1.6 | 1.7 | 1.7 | 1.4 | •3 | | | | ! | i | i | | | | | 6 | 3 63 | 68 | 46 |
| 54/ 53 | | 1.9 | 1.3 | | | • 2 | <u> </u> | | | L | | Í | | | | | 6 | 63 | 53 | |
| 52/ 51 | | 1,6 | 3.8 | .9 | •5 | •1 | I | | | I | | | | | | | 6 | | | 53 |
| 50/ 49 | .1 | 2.2 | 3.9 | 1.3 | .3 | | | | | | | <u> </u> | | | | | 74 | _1 | | |
| 48/ 47. | | 2.7 | | | | | | | | | | i — | | | | | 5 | | | |
| 46/ 45 | | 2.5 | 2.3 | 1.3 | 2 | L | | | | į . | _ | i | | <u> </u> | | | 5 | | | |
| 44/ 43 | | 1.5 | • 5 | • 3 | • 1 | | i | | | <u> </u> | 1 | I | Ī | | | | 2. | | | |
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| FI(85) | | 72 | | | <u> </u> | <u></u> | X | | <u></u> | N | <u> </u> | <u> </u> | <u> </u> | | Mara N | -/ 9 | ulah Tamasa | | <u> </u> | <u></u> |
| Element (X) | | | | 71578 | | | 11.7 | 36- | No. 01 | | | | Mean No. of H | | | | | | Taral | |
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GLOBAL CLIMATOLOGY BRANCH 63 USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENRACKER AFB OH J7-70,73-78 MAY 0900-1100 PAGE 1 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wat Bulb Dew Poin (F) 88/ 87 $\overline{11}$ 11 82/ 81 20 23 80/ 79 78/ 77 23 1.0 . 3 38 38 1.0 . 8 36 76/ 75 .1 1.1 . 6 57 57 60 72/ 60 70/ 69 65 65 18 64 64 68/ 67 1.3 1.1 1.7 66/ 65 38 62 62 .5 1.7 71 75 68 68 60/ 59 2.0 69 69 81 58/ 57 56 56 1.0 76 52 56/ 55 1.6 52 72 75 54/ 53 42 42 52/ 51 .6 37 37 73 1.3 . 6 • 6 .0 41 41 41 50/ 49 47 26 26 48/ 57 46/ 45 11 48 81 44/ 43 34 42/ 41 40/ 39 23 21 36/ 35 34/ 33 , <u>5</u> 32/ 31 30/ 29 28/ 27 24/ 23 20/ 19 Mean No. of Hours with Temperature Element (X) Rel. Hum. ≥ 80 F Total Dry Bulb Wet Bulb

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GLOBAL CLIMATULUGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAL AIR WEATHER SERVICE/MAC RICKENPACKER AFB OH MAY 67-70,73-78 PAGE 2 0900-1100 TOTAL TOTAL
D.B. W.B. Dry Bulb Wer Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL 930 930 (ತ Element (X) 62.315.198 63.8 9.586 57969 3827917 930 Rel. Hum. = 0 F ≥ 67 F ≥ 73 F 930 3866286 59298 37.8 18.9 Dry Bulb 930 52163 56.1 8.534 12.0 2993435

GLOBAL CLIMATOLOGY BRANCH 3 **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/HAC Č RICKENBACKER AFB OH MAY 67-70,73-78 MONTH PAGE 1 1200-1400 WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 92/ 91 90/ 89 **(**-88/ 87 22 2.2 86/ 85 84/ 83 1.2 1.1 .6 43 49 82/ 81 • 5 80/ 79 .6 1.0 • l . 9 38 38 (: 75 48 75/ . 8 . 3 48 74/ 73 .0 . 8 71 72/ 71 1.0 1.0 1.2 61 70/ 69 20 68/ 67 62 62 70 70 66/ 65 68 68 64/ 63 1.0 .6 46 55 46 65 60/ 59 58/ 31 31 56/ 55 31 31 54/ 53 66 52/ 51 50/ 49 48/ 40/ 39 36 38/ 35 36/ ತ 32/ 31 30/ 29 28/ 27 Element (X) Mean No. of Hours with Temperature : 0 F ± 32 F Dry Bulb Wei Bulb

GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENBACKER AFB OH 67-70,73-78 MAY 1200-1400 HOURS (L. S. T.) PACE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1.2 3-4 5.6 7-8 9-10 11.12 13.14 15.16 17-18 19-20 21.22 23-24 25.26 27.28 29-30 231 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 24/ 23 4.2 9.4 8.4 11.713.7 7.111.810.5 7.1 4.0 1.6 930 930 930 930 0.26.5 (OL 49587 49587 2897131 No. Obs. 930 X ... 53.316.509 Element (X) Meen No. of Hours with Temperature *73 F *80 F *93 F 34 • 1 17 • 4 Rel. Hum. ± 32 F ≥ 67 F Dry Bulb 4493024 63934 68.710.260 930 53.5 58.0 8.249 49.910.558 930 16.1 3192781 53949 Wet Bulb 1.6 2417362 46388

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GLOBAL CLIMATULOGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENDACKER AFB UH MAY 4,7-70,73-78 PAGE 1 1500-1700 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 28 27 - 28 29 - 30 21 92/ 91 • 1 90/ 89 88/ 87 24 24 .0 45 45 86/ 85 .8 84/ 63 .6 1.0 .4 38 82/81 51 79 807 .8 1.8 • 6 43 78/ 77 76/ 75 66 66 55 55 . 8 72/ 71 56 •6 26 71 71 .0 68/ 67 2.0 1.0 72 82 1.0 78 66/ 65 78 73 37 71 64/ 63 •5 •3 86 •5 .3 2.0 41 41 78 62/ 61 60/ 59 31 31 55 58/ 80 72 77 71 56/ 35 .5 1.6 .6 .3 29 . 6 37 37 59 63 47 33 48/ 47 58 46/ 45 66 47 40/ 39 23 26 36/ 35 34/ 33 19 32/ 31 10/ 29 28/ 27 14 26/ 8 Element (X) Mean No. of Hours with Temperature 50F ≥ 93 F Rel. Hum. ± 32 F ≥ 67 F | ≥ 73 F | ≥ 80 F Total Dry Bulb

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 13812 RICKENPACKER AFB UH 67-70,73-78 1500-1700 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATUPE DEPRESSION (F) TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 24/ 23 22/ 21 .2 3.9 7.8 9.1 8.211.315.913.810.0 u.7 6.2 3.5 930 TUTAL 930 ₹ õ Element (X) 51.217.483 69.9 9.943 58.4 7.885 49.710.581 47652 65053 2725584 93G ≥67 F = 73 F = 80 F = 93 F ≤ 32 F 4642261 3227825 930 57.4 37.5 18.8 Dry Bulb 930 54297 17.3 Wet Bulb 46189

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GLOBAL CLIMATBLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

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| Temp | | | | | | WET | BULB 1 | EMPER | ATURE | DEPRE | SSION (| F) | | | | | TOTAL | | TOTAL | | |
| (F) | 0 1 | - 2 | 3 · 4 | 5 - 6 | 7 - 8 | | | | | | | | 23 - 24 | 25 - 26 | 27 - 28 27 | · 30 · 31 | D.B./W.B. | Dry Bulb | | Dew Po | |
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| 84/ 83 | | - 1 | 1 | . | | • 1 | . 3 | . 4 | .9 | | | . 2 | | | | | 24 | 24 | | | |
| 82/81 | | | | | | • 3 | • 3 | .5 | . 8 | | | | | | | | 25 | 25 | | - | |
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| Wet Bulb | | | | | | | | | | | | | | | | ┼─ | + | | | | |
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GLOBAL CLIMATOLOGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENRACKER AFB UH 67-70,73-78 MAY YEARS 1800-2000 HOURS (L. S. T.) PAGE 2 Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 0 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Daw Point 22/ 21 TUTAL 5.413.112.315.13 .014.410.3 5.8 4.3 2.6 429 929 929 0.26-5 (OL Element (X) Mean No. of Hours with Temperature 57.516.950 267 F 273 F 280 F 45.6 74.5 8.4 Rel. Hum. 3336578 929 ± 32 F

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR JEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

PAGE 1

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2100-2300

| Temp. | | | | | | | | | | | SSION (| | | | | | | TOTAL | _ | TOTAL | | |
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| (F) | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 2 | 7 - 28 2 | 9 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Po | |
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| 76/ 75 | | | | .4 | .1 | • 4 | .9 | .1 | | | ļ | | | | | | | 18 | 18 | | | |
| 74/ 73 | | | | . 8 | 1.1 | • 5 | .4 | .1 | | | | | | | | | | 27 | 2.7 | | | |
| 72/ 71 | | | .9 | .9 | 1.5 | • 8 | .3 | .2 | .1 | .1 | l | | | | | | | 44 | 44 | 2 | | |
| 70/ 69 | | ٤. | 1.8 | 1.7 | 1.6 | •9 | . 1 | .1 | •2 | i | | | | | | | | 63 | 63 | 10 | | |
| 68/ 67 | | . 8 | 3.0 | | 1.5 | •6 | . 8 | .1 | | ļ | | | | | ļ | | | 75 | 75 | 29 | 1: | |
| 66/ 65 | | 1.2 | 2.7 | 1.3 | . 8 | • 5 | .1 | .1 | | Ì | | | | | | | | 62 | 62 | 60 | 2 | |
| 64/ 63 | 1 | 2.0 | 3.0 | 2.4 | 1.3 | • 4 | • 5 | .1 | | | | | | | | | | 92 | 92 | 90 | | |
| 62/ 61 | 1 | 1.1 | 1.7 | 1.7 | 1.1 | •6 | • 5 | | | | | | | 1 | - | | | 63 | 63 | 63 | | |
| 60/ 59 | | . 8 | 2.4 | 2.2 | 1.4 | 1.5 | • 2 | | | | <u> </u> | | | | | | | 78 | 78 | 87 | | |
| 58/ 57 | | 1.2 | 2.5 | 1.1 | 1.9 | 1.0 | • 4 | | | | Ī | | | | | | | 75 | 75 | 61 | 7 | |
| 56/ 55 | | 1.2 | 1.6 | 1.9 | 1.8 | • 3 | • 1 | | | | | | | | | | <u> </u> | 65 | 65 | 73 | | |
| 54/ 53 | | • 9 | | | 1.2 | • 0 | •1 | | | | 1 | | | ļ ļ | | | | 62 | 62 | 71 | | |
| 52/ 51 | | .4 | 2.5 | 1.5 | . 8 | •6 | L | | | ļ | <u> </u> | | | | | | | 54 | 54 | 52 | 5 | |
| 50/ 49 | i | 1.3 | 1.7 | | • 4 | • 3 | 1 | | | | | | | | 1 | | | 42 | 42 | 80 | 54 | |
| 48/ 47 | | 1.2 | 1.2 | . 8 | • 6 | •1 | | | | | | | | | | | | 36 | 36 | 77 | | |
| 46/ 45 | | •5 | 1.3 | | • 4 | | | | | | | | | 1 | 1 | | | 28 | 28 | 55 | 70 | |
| 44/ 43 | | • 3 | • 3 | | . 3 | | | | | | | | | | | | | 14 | 14 | 32 | 5 | |
| 42/ 41 | | • 1 | • 9 | | • 1 | | | | | į | i | | | | l | | | 14 | 14 | 32 | 5(| |
| 40/ 39 | | | ٤. | • 2 | | | | | | <u> </u> | ļ | | | | | | | 5 | 5 | 18 | | |
| 38/ 37 | i | | | | | | | ļ | | | | 1 | | | 1 | | !! | | | 20 | | |
| 36/ 35 | | | • 1 | | | | | | | | | | | | | | | 1 | | 4 | 3 | |
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| 32/ 31 | | | | | | | | ļ | | | | | | | | | i — I | | | <u>_</u> | 1 | |
| 30/ 29 28/ 27 | | | ì | | | | | } | | | 1 | | | | | | | ĺ | | | 1 | |
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| 24/ 23 | | • | | | | | • | | } | | 1 | | | | | | !! | | | | | |
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| U.AL | • 1 | 1001 | 7.0 | , , , , | 1000 | ,,,, | 7. | 1 • • | • • | •• | i | | | | 1 | | | 930 | ,,,, | 930 | | |
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| Element (X) | | Σχ' | | | Σχ | | X | - F | | No. 01 | . T | | ٠, | | Mean No | of H | ours with | Temperat |)r• | | | |
| Rel. Hum. | | | 4386 | | 648 | 58 | 69.7 | | | | 30 | ± 0 F | Π. | 32 F | ≥ 67 F | | 73 F | > 80 F | ≥ 93 F | | Total | |
| Dry Bulb | | | 1961 | | 557 | | 60.0 | | | | 30 | | | | 23. | | 5.7 | | 1 | | 9 | |
| Wet Bulb | | | 3002 | | 505 | 88 | 54.4 | 8.1 | 19 | | 30 | | \neg | •1 | 4. | | | | | -1- | 9 | |
| Dew Point | | | R180 | | 461 | 44 | 49.6 | 9.7 | 68 | | 30 | | | 5.0 | 1. | | | | | _ | 9 | |

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC RICKENBACKER AFB UH MAY 67-70,73-78 PAGE 1 ALL HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 92/ 91 90/ 89 . 0 • 0 18 18 88/ 87 53 53 • 1 • 1 85 85 86/ 85 84/ 83 . 0 116 •0 116 82/81 135 135 80/ 79 78/ 77 155 155 • 3 172 172 . 3 76/ 75 . 0 219 219 74/ 73 275 •6 275 - 6 -0 33 322 72/ 71 322 85 29 70/ 69 408 408 209 102 .6 • 2 469 469 328 68/ 67 .6 1.7 1.0 • 6 541 1.0 541 410 202 66/ 65 .0 .6 . 8 599 64/ 63 1.4 599 575 288 1.3 527 527 565 451 62/ 61 1.8 - 8 . 8 .2 518 518 526 604 60/ 59 • 0 1.0 8 .3 418 418 547 469 421 588 55 •5 421 462 56/ 54/ 53 505 410 410 525 52/ 51 362 362 519 433 340 340 50/ 49 1.0 534 47 282 282 432 48/ 1.6 .6 • 0 .0 197 197 449 1.0 523 529 44/ 43 .8 118 118 304 98 242 98 442 •0 94 94 432 39 157 37 37 38/ 253 35 35 •2 • 0 36/ 35 80 10 155 10 33 .0 32/ 31 192 30/ 29 136 28/ 27 26/ 25 67 Ž X' Element (X) Mean No. of Hours with Temperature Rel. Hum. ≥ 93 F Total Dry Bulb Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 13812 RICKENRACKER AFB (4H STATIC . NAME :,7-70,73-78 WET BULB TEMPERATURE DEPRESSION (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 24/ 23 22/ 21 20/ 19 7439 7439 TOTAL .316.322.116.912.4 9.4 8.1 5.6 3.7 (OLA) Element (X) No. Obs. 7439 7439 Mean No. of Hours with Temperature 65.617.786 61.810.946 ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F 29308519 459779 .3 242.9 123.0 54.8 8.793 49.010.189 22886900 407404 7.439 3.1 65.9

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GLOBAL CLIMATOLOGY BRANCH <u>`</u> **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 13812 RICKENBACKER AFB UH JUN 67-70,73-78 0000-0200 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 | 80/ 79 78/ 77 76/ 75 74/ 73 49 100 100 5.9 3.9 72/ 71 18 121 121 70/ 69 68/ 67 126 126 1.8 4.6 3.3 66/ 65 97 97 116 64/ 63 87 87 86 60/ 62 90 87 44 56/ .3 2.7 1.3 54/ 53 31 52/ 51 48 50/ 49 . 1 48/ • 1 46/ 45 40/ 38/ 37 36/ 35 900 900 .118.444.726.7 8.0 1.7 900 900 C. Element (X) 5635592 78.6 8.796 900 Rel. Hum. ≥ 67 F ≥ 73 F > 80 F 900 3828618 58442 64.9 6.118 Dry Bulb 42.2 7.5 60.8 6.031 900 3364907 54763 17.8 Wet Bulb

GLOBAL CLIMATOLOGY BRANCH 3 USAFETAC **PSYCHROMETRIC SUMMARY** AIR WLATHER SERVICE/MAC 13812 . RICKENBACKER AFB UH 47-70,73-78 0300-0500 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 1-2 3-4 5-6 7-8 78/ 77 76/ 75 74/ 73 72/ 71 10 10 . 8 37 37 8.3 111 111 68/ 67 9.0 7.0 3.1 118 118 115 66/ 65 87 87 106 62/61 80 80 108 100 60/ 59 70 55 57 58/ 57 115 2.7 3.0 57 54/ 53 1.7 93 37 37 20 20 50/ 1.0 32 12 1.0 46/ 45 • 2 2 7 42/ 41 40/ 39 38/ 37 .331.350.815.2 2.1 900 900 FUTAL 900 900 0.26-5 (OL Element (X) Mean No. of Hours with Temperature 6154877 82.4 Rel. Hum. 267 F | 273 F 280 F 900 3564381 56333 62.6 6.533 29.5 900 3210123 53437 59.4 6.444 57.1 7.019 11.3 90 Wet Bulb

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(COS (4) GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 1,7-70,73-78 RICKENBACKER AFB UH 0600-0800 HOURS (L. S. T.) PAGE 1 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poir 84/ 83 80/ 79 78/ 77 76/ 75 19 •6 19 • 1 32 . 8 1.8 65 65 74/ 73 72/ 71 2.3 3.1 1.4 74 74 2.3 70/ 69 7.0 2.3 110 110 1.0 68/ 67 66/ 65 6.8 1.7 101 4.0 3.0 2.3 114 82 82 101 3.0 106 3.6 2.1 75 67 62/ 61 1.6 3.1 4.6 1.0 103 85 60/ 59 3.6 .2 3.1 .3 51 . 8 82 58/ 57 2.3 2.2 43 99 56/ 55 1.6 2.1 35 19 78 1.2 53 1.4 35 52/ 51 19 52 1.0 . 3 50/ 49 37 48/ 47 46/ 45 44/ 43 10 42/ 41 40/ 39 6 38/ 37 .221.841.224.5 9.9 2.2 899 899 899 899 ē 0.26.5 Element (X) X *x 78.9 8.974 Maan No. of Hours with Temperature 70911 Rel. Hum. 5665615 899 ≥ 67 F ≥ 73 F ≥ 80 F 90 3842338 58454 65.0 6.806 899 41.8 Dry Bulb 60.9 0.382 19.3 3374931 54783 899 90 Wet Bulb

€ GLOBAL CLIMATOLOGY BRANCH 9 USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC JUN RICKENBACKER AFB UH 67-70,73-78 0900-1100 HOURS (L. S. T.) TOTAL D.B./W.B. TOTAL WET BULB TEMPERATURE DEPRESSION (F) 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 Dry Bulb Wet Bulb Dew Por 92/ 91 90/ 89 88/ 87 12 22 22 86/ 85 84/ 83 1.4 55 1.1 1.8 82/ 81 2.2 61 3.0 2.8 2.2 80/ . 6 78/ 77 3.0 84 1.1 2.3 3.4 1.2 2.3 1.4 98 98 76/ 75 1.4 1.2 28 80 80 1.8 41 10 73 87 73 71 1.4 1.2 2.3 87 110 24 55 70/ 69 2.0 1.2 2.0 73 106 1.7 57 1.8 121 68/ 67 1.2 1.6 • 1 48 79 48 . 8 90 717 77 81 64/ 63 2.1 2.1 50 33 33 62/ 61 1.0 78 20 20 61 60/ 59 •1 58/ 57 68 71 56/ 55 83 56 21 54/ 53 45 52/ 51 50/ 49 2] 48/ 47 44/ 43 42/ 41 40/ 39 38/ 37 36/ 35 0.26.5 (OL .1 3.411.214.922.021.713.8 8.8 2.7 1.2 900 900 TOTAL 900 900 70 EM X 63.812.375 73.4 7.222 Element (X) No. Obs. 57395 900 Rel. Hum. 3797885 267 F 273 F 280 F 293 F 4900688 900 19.9 90 66094 Dry Bulb 51.2 65.0 6.178 90 3841754 58538 900 Wet Bulb 90

· Washington Confidence

GLOBAL CLIMATOLOGY BRANCH USAFETAL **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC JUN RICKENRACKER AFB UH 67-70,73-78 PAGE 1 1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 0 D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 98/ 97 96/ 95 94/ 93 12 92/ 91 90/ 89 38 .6 • 1 88/ 87 80 86/ 85 80 • 6 83 83 84/ 83 82/ 61 1.4 98 80/ 79 89 89 91 77 18 78/ 1.1 2.2 . 8 72 76/ 75 72 73 14 74/ 1.0 •6 1.0 1.0 72 72/ 71 39 39 22 . 3 .6 70/ 69 56 56 132 66 39 81 68/ 67 39 86 36 36 66/ 65 101 .6 1.0 1.0 94 80 78 11 62/ 61 63 60/ 59 73 75 57 63 58/ 10 70 56/ 55 54/ 53 C 46 50/ 49 46/ 45 44/ 43 42/ 41 40/ 38/ 37 32/ 31 30/ 29 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. Dry Bulb Wet Bulb € 3

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC RICKENPACKER AFB UH 67-70,73-78 1200-1400 PAGE 2 HOURS (L. S. T.) TOTAL TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Poin WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 2.1 6.1 7.2 10.1 13.0 17.0 15.2 15.1 5.3 3.1 1.3 900 TUTAL 900 900 Element (X) 2909427 900 49545 55.114.227 267 F 273 F 280 F 293 F Rel. Hum. 77.9 7.607 66.4 6.137 59.7 8.052 5517638 70136 900 68.5 Dry Bulb 900 3997414 59726 13.9 Wet Bulb

TOTAL PROSPECTATION

GLOBAL CLIMATULOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

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RICKENBACKER AFB UH

PSYCHROMETRIC SUMMARY

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| (F) | 0 | 1 . 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 1 ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew P |
| 10/ 99 | | | ' | ' l | | | | | | | .1 | | | | ! ! | | 1 | 1 | 1 | ! | |
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| 6/ 65 | | .1 | •6 | | | | | | | .2 | - | | | i | | | 1 | 20 | | | |
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| lement (X) | | Z _A , | | | ZX | | <u>;</u> | •, | | No. 01 | <u> </u> | | | : | Mage 1 | 10 01 | Hausa est | th Tempera | <u></u> | | |
| el. Hum. | | <u>- </u> | | - | <u>-^</u> | | | | - | 77. 0 | | : 0 1 | E | : 32 F | 2 67 | | ≈ 73 F | > 80 F | | F | Total |
| ry Bulb | | | | - | | | | | | | | | | - 34 F | `°' | ╁ | - /3 / | + | | | |
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. CLIMATULORY BRANCH AL HER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 3 12 RICKENPACKER AFB DH JUN 07-70,73-78 1500-1700 HJURS (L. S. T.) PAGE 2 Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 2 31 D.B./W.B. Dry Buth Wet Bulb Dew Point 1 2 2 7 0 6 7 6 2 1 1 0 1 1 2 7 7 1 5 4 1 2 4 5 9 2 0 7 0 4 0 4 9 900 900 TUTAL 900 ğ 2_X² 2753171 Element (X) Mean No. of Hours with Temperature 47827 70897 R·1. Hum. 900 10F 5637477 78.8 7.650 Dry Bulb 900 84.2 70.2 46.3 66.4 5.808 59.3 7.864 48.5 900 13.0 3997858 59756 Yet Bulb

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC RICKENPACKER AFB UH 6.7-70,73-78 PAGE 1 1800-2000 HOURS (L. S. T.) D.E./W.B. Dry Bulb WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 Wet Bulb Dew Por 96/ 95 94/ 93 92/ 91 . 1 90/ 09 88/ 87 24 . 2 • 1 24 . 6 اَوَ و 86/ 85 41 41 1.0 84/ 83 • 9 1.3 61 61 82/ 81 1.8 79 80/ 79 1.3 1.7 2.1 1.8 86 86 1.7 • 1 • 2 78/ 77 1.3 1.8 84 84 - 8l 76/ 75 2.6 81 81 18 74/ 73 1.4 1.0 95 95 38 85 85 72/ 71 2,7 98 18 2.6 1.4 70/ 69 88 37 .7 881 109 68/ 67 1.2 50 50 125 105 1.1 1.0 66/ 65 . 8 35 35 93 1.0 125 64/ 63 34 1.0 .2 116 .0 15 15 85 62/ 61 63 60/ 59 .6 16 16 68 57 69 58/ 64 55 89 56/ 39 54/ 53 44 52/ 51 55 50/ 49 51 27 48/ 47 43 44/ 42/ 41 7 40/ 39 6 38/ 37 32/ 31 TOTAL .2 4.012.210.811.915.915.214.0 9.1 3.7 2.1 . 2 900 900 900 Element (X) No. Obs. Mean No. of Hours with Temperature SAFETAC 60.115.476 75.0 7.173 900 Rel. Hum. 3465285 54083 ≥ 73 F ≥ 80 F 900 90 Dry Bulb 5105303 67477 78.9 56.6 65.2 5.668 59.4 7.207 900 3855991 58689 39.8 90 Wet Bulb 6.6 900 3221190

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GLOBAL CLINATULUGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

13812 RICKENRACKER AFB UH

PSYCHROMETRIC SUMMARY

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| STATION | | | | 51 | ATION N | ME | | | | | YEARS MONT | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | HOURS (L | . S. T.) | |
| Temp. | | | | | | | BULB T | | | | | | | | | | | TOTAL | | TOTAL | | |
| (F) | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.8. | Dry Bulb | Wet Bulb (| Dew Po | |
| 86/ 35 | | | | | | • 1 | | | | | | | | | | | | 1 | 1 | | | |
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| 80/ 79 | | | • 2 | | | | • 1 | <u>• </u> | <u> </u> | | | ├ ──┤ | | | | | ļ | 25 | 25 | | | |
| 78/ 77 | | , | . 2 | | | | .6 | • 1 | | | | i i | | | | | | 42 | 42 71 | | | |
| 76/ 75 | | | 1.0 | | | 1.1 | • 4 | <u>• 1</u> | • 1 | ļ.—. | | | | | | | | 71 | 85 | | | |
| 74/ 73 | | | 2.1 | 4.1 | | | | .1 .2 | 1 | | | | | | | | | 117 | 117 | | | |
| 72/ 71 70/ 69 | | 1.0 | | 3.3 | | | .6 | - • 4 | .2 | - | | ├ | | | | | | 136 | 136 | | ; | |
| 68/ 67 | | 1.0 | 1 | | | .7 | .1 | | i i | | | 1 | | | | | | 101 | 101 | | ; | |
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| 64/ 63 | | .8 | | | 9 | • 2 | | | | | | 1 | | } | | | 1 | 59 | 59 | | i | |
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| 58/ 57 | .1 | | | .9 | | | - | | | | _ | | | | | | T | 29 | 29 | 75 | | |
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| 54/ 53 | | • 1 | | | • l | | i | | | | | | | | | | <u> </u> | 9 | 9 | 45 | | |
| 52/ 51 | | <u> </u> | • 3 | | •1 | <u> </u> | | | <u> </u> | | | | | | | | | 4 | | | | |
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| 43/ 47 | | | | <u> </u> | | <u> </u> | <u> </u> | | | | | | | | <u> </u> | | ļ | | | 8 | | |
| 46/ 45 | | | | į | | | | | | | | | | 1 | | | | ļ | 1 | 2 | | |
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| Element (X) | | ΣX' | | · | Σχ | | X | ٠, | | Ho. 0 | | | | | | | | h Tempera | | | | |
| Rel. Hum. | | | 1267 | | 653 | | 72.6 | | | 9 | 00 | ± 0 ∣ | F | ≤ 32 F | ≥ 67 | | ≥ 73 F | ≥ 80 F | z 93 | F 1 | Total | |
| Dry Bulb | | | 4952 | | 616 | | 68.5 | 0.1 | 85 | | 00 | | | | | •9 | 23.5 | | 0 | | | |
| Wet Bulb | | | 18054 | | 565 | | 62.8 | | | 9 | 00 | | _ | | | •0 | 1.9 | | | | | |
| Dew Point | | 318 | 15191 | <u>. </u> | 531 | 89 | 59.1 | 6.8 | 1/ | 7 | Oσ | | | | 11 | • 7 | • 3 | 1 | | | | |

67-70,73-78

FORM 0.26-5 (OL A) senses menous contons

IISARETAC FORM

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC JUN RICKENBACKER AFB SH 67-70,73-78 PAGE 1 ALL HOURS (L. 5. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin (F) 100/ 99 98/ 97 .0 96/ 95 .0 94/ 93 92/ 91 .1 .1 .1 34 .1 90/ 89 101 101 .0 169 88/ 87 169 .0 229 229 86/ 85 .0 •0 284 84/ 83 284 342 342 82/ 81 1.0 390 390 80/ 79 .0 .3 394 394 78/ 77 35 76/ 75 446 446 130 74/ 73 519 519 249 513 99 72/ 71 600 600 .0 742 703 294 742 70/ 69 .0 .0 616 68/ 67 638 638 871 66/ 65 2.6 532 532 880 725 64/ 63 1.9 428 819 428 825 .0 1.5 1.4 358 62/ 61 .0 358 703 1.0 629 315 315 1.5 613 621 217 578 176 176 397 680 56/ 55 .5 • l .8 1.0 125 249 508 54/ 53 125 76 37 52/ 51 170 404 50/ 49 143 384 23 23 91 268 48/ 47 • 1 . 2 • 1 176 • 0 44/ 43 16 106 42/ 41 60 28 40/ 39 38/ 37 36/ 35

And the state of t

Mean No. of Hours with Temperature

≥ 67 F ≥ 73 F

≥ 93 F

≺ 32 F

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SAFETAC FOLM 0.26-5 (D) A SENSED REPOUS EDITIONS OF THIS FORM

34/ 33 Element (X)

Rel. Hum.

Dry P.16 Wet Bulb

GLOBAL CLIMATOLOGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC JUN RICKENPACKER AFB OH 4,7-70,73-78 PAGE 2 ALL HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 ≥ 31 TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 32/ 31 30/ 29 TUTAL 7199 7199 .211.575.2117.011.2 9.4 7.7 7.1 5.3 3.2 1.4 7199 7199 S S 0.26.5 Element (X) zx' 35243069 7 ... 68.116.184 70.8 9.108 63.4 6.575 58.8 7.377 z_x 490043 509465 No. Obs. Mean No. of Hours with Temperature 7199 Rel. Hum. 267 F 273 F 280 F 293 F 490.4 292.3 137.6 1. 20 F ≤ 32 F 7199 720 36651395 Dry Bulb 720 Wet Bulb 29221032 456204 7199 253.6 44.9 720 423639 109.5

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR VEATHER SERVICE/MAC

13812 RICKENGACKER AFB UH
STATION STATION NAM

PSYCHROMETRIC SUMMARY

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WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 84/ 83 82/ 81 80/ 79 12 12 • 1 • 1 1.2 78/ 77 38 38 76/ 75 .6 1.6 1.4 • 2 101 101 2.8 72/ 71 124 70/ 69 9.4 2.8 158 158 2.4 8.3 2.5 1.7 6.0 2.7 108 134 68/ 67 134 127 102 102 116 66/ 65 • 2 2.9 64/ 63 1.5 4.7 93 93 120 101 2.4 54 110 <u>.</u>12 62/ 61 60/ 59 1.7 1.6 40 40 56 58/ 57 18 18 66 56/ . 8 .9 16 16 44 54/ 53 40 34 52/ 51 • 1 11 29 50/ 49 48/ 47 46/ 45 TOTAL 1.019.846.324.9 5.7 1.9 930 930 930 930 No. Obs. 930 74954 Element (X) Meon No. of Hours with Temperature 80.6 8.777 6112538 Rel. Hum. ± 32 F 267 F 273 F 280 F 293 F 60.3 35.5 18.7 4346487 63391 68.2 5.250 930 1.2 Dry Bulb 64.3 5.512 930 3872527 59793 5.8 93 Wet Bulb 57590 25.2 1.8 3604600 Dew Point

ETAC FORM 0.26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE O

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GLOBAL CLIMATOLOGY BRANCH (S) USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC € 13812 RICKENRACKER AFB UH JUL 1,7-70,73-78 1 0300-0500 WET BULB TEMPERATURE DEPRESSION (F) TOTAL C 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | * 31 (F) D.B. W.B. Dry Bulb Wet Bulb Dew Poin 82/ 81 80/ 79 C 10 78/ 77 23 23 76/ 75 74/ 73 2.7 72/ 71 96 96 .6 3.5 9.1 1.2 137 81 57 70/ 69 87 68/ 67 .1 3.9 114 114 98 6.9 122 133 66/ 65 4.0 6.8 2.4 122 98 64/ 63 .2 5.1 2.9 1.8 98 107 117 94 .1 5.1 94 123 108 62/ 61 2.7 C 60/ 59 59 59 3.4 84 58/ 57 50 50 66 1.6 2.7 1.0 63 31 56/ 55 2.0 *3* l 65 (59 12 49 52/ 51 50/ 49 . 3 30 (48/ 47 TZ 46/ 45 44/ 43 ITUTAL 1.734.846.314.7 2.2 430 930 930 t FORM NA PA 78111 78111 Element (X) Mean No. of Hours with Temperature 84.0 7.554 65.9 5.661 6613575 267 F 273 F 280 F 45 2 10 5 . 930 Rel. Hum. 20F ± 32 F 4 93 F 4069371 3705374 930 61293 45.2 Dry Butb 62.9 5.830 60.9 6.536 58452 931 20.6 3.4 Wet Bu'b 56678 930 19.8

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

13812 RICKENPACKER AFB OH
STATION NAME
STATION NAME

PSYCHROMETRIC SUMMARY

(,7-70)73-78 JUL
YEARS MONTH

PAGE 1 0600-0800

| Temp | | | | | | WET | BULB | TEMPER | ATURE | DEPRE | SSION (| F) | | | - | | | TOTAL | | TOTAL | | |
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| 34/ 83 | | | | | • 2 | | | | | | | | | | | | | 2 | 2 | | | |
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| 76/ 75 | | | 2.9 | | | | | | | | | | | | | | | 66 | 56 | | | |
| 74/ 73 | • • | | 4.2 | | .4 | | | | | | | | | | l | | } | 84 | 84 | 42 | , | |
| 72/ 71 | | 3.2 | 6.3 | 2.3 | | •3 | | | | | | | | | | | | 122 | 122 | | | |
| 70/ 69 | . 3 | 3.8 | 7.1 | 2.3 | 1.1 | •1 | | | | ļi | | | | | | | | 137 | 137 | | | |
| 58/ 67 | Y | 3.4 | 5.6 | 2.9 | 1.1 | | - | | | | | - | | | | | <u> </u> | 121 | 121 | | | |
| 66/ 65 | اد | | 4.7 | | | | | | | | | | | | | | | 101 | 101 | | | |
| 64/ 63 | | | 2.3 | | | | | | | | | | | | | | | 79 | | | | |
| 52/ 61 | | 2.8 | 2.0 | 1.7 | .1 | | | | | | | | | | | | | 62 | 62 | | | |
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| 58/ 57 | | 1.3 | | . 3 | | | | | | 1 (| | | | | | | [| 27 | 27 | 57 | 1 | |
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| lement (X) | | Σχ' | | | z x | ΉТ | X | ₹ | | No. Ob | s. | | | | Meon N | lo. of H | ours with | Tempera | ure | · | · | |
| lel. Hum. | | | 2571 | | 757 | | 81.5 | 8.7 | 71 | | 30 | ± 0 F | T : | 32 F | z 67 | F 2 | 73 F | ≥ 80 F | ≥ 93 | F | Total | |
| Dry Bulb | | 430 | 5977 | | 630 | | 67.8 | | | 9 | 30 | | | | 57 | .6 | 19.0 | 1. | 7 | | - 3 | |
| Yet Bulb | | | 2944 | | 596 | 24 | 64.1 | 5.7 | 15 | | 30 | | _ | | 35 | | 5.6 | | | | - 5 | |
| Dew Point | | 750 | 5981 | | 575 | | 61.9 | | | | 30 | | | | 24 | | 2.3 | | | | 9 | |

AC FORM 0.26.5 (O. A) REVIS

SAFETAC FORM 0.26

GLOBAL CLIMATOLOGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENBACKER AFB OH 4,7-70,73-78 PAGE 1 0900-1100 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 (F) 92/ 91 90/ 89 88/ 87 25 25 37 37 86/ 85 84/ 83 64 64 89 80 82/ 81 103 103 80/ 78/ 77 76/ 75 130 130 1.9 2.5 3.3 1.9 125 125 8 71 1.2 2.0 1.4 1.7 132 72/ .8 2.0 1.2 70 70 111 70/ 69 68/ 67 1.0 39 39 132 109 17 66/ 65 105 64/ 63 84 62/ 51 60/ 59 32 64 69 58/ 56/ 37 43 52/ 50/ 49 48/ 47 46/ 45 3.411.117.321.520.014.6 7.4 3.7 930 930 õ Element (X) Mean No. of Hours with Temperature 930 60731 65.312.252 4105329 ≥ 80 F ≥ 93 F Rel. Hum. 2 0 F ≥ 67 F ≥ 73 F 930 5464955 70.3 71087 76.4 5.798 Dry Bulb 89.1 4339410 63344 68.1 5.181 930 59.4 19.5 97 Wet Bulb

GLOBAL CLIMATOLOGY BRANCH
USAFFTAC
AIR WEATHER SERVICE/MAC

13812 RICI ENRACKER AFB UH
STATION NAME

PSYCHROMETRIC SUMMARY

3812 RICI ENRACKEK AFB UH 67-70,73-78

STATION STATION NAME

PAGE 1 1200-1400
NOURS (L. S. T.)

| Temp. | | WET BULB TEMPERATURE DEPRESSION (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 ≥ 31 | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|-------------|---|--|----------|------------|-------|----------|---------|---------|----------|---------|---------|----------|-------------|--|-----------|--------|------|-----------|----------|----------|-----------|
| (F) | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 2 | 9 - 30 | * 31 | D.B./₩.B. | Dry Bulb | Wet Bulb | Dew Point |
| 96/ 95 | | Ī | i | | | | | | | .2 | .1 | | i | | | | | 3 | 3 | | |
| 94/ 93 | | ĺ | i ' | ` } | | | i i | | . 8 | .0 | •1 | Ì |] |] | i 1 | 1 | | 14 | 14 | ì | |
| 92/ 91 | | | | | | • 2 | .3 | 1.1 | | 1.0 | | | .2 | | | | | 35 | 35 | | |
| 90/ 89 | | | Ì | | | .6 | | 1.1 | | | | •1 | .1 | | 1 | 1 | | 57 | 57 | 1 | |
| 88/ 87 | | 1 | | | | .4 | | | | | | | | | | | | 73 | 73 | | |
| 86/ 85 | | I | | | •1 | 1.6 | 3.8 | | | 1.4 | . 8 | _ | | | | į | | 111 | 111 | | |
| 34/ 83 | | - | | .1 | .9 | 3.2 | | | | | .6 | | i — — | | | | | 122 | 122 | | |
| 82/ 81 | | | | .2 | 1.4 | 1.8 | 1.5 | 2.4 | 2.5 | 2.0 | .5 | 3 | | | | | | 118 | 118 | 5 | |
| 80/ 79 | i | 1 | • 1 | . 6 | | •9 | 2.5 | 2.2 | 2.3 | 1.4 | | | 1 | | | | | 114 | 114 | 10 | |
| 78/ 77 | | . 1 | •6 | | 1.1 | 1.5 | 1.4 | 1.4 | 1.4 | | | | | | | [| | 94 | | 49 | |
| 76/ 75 | | Ţ | • 5 | | | | | 1.6 | .9 | • 1 | | | | | | | | 68 | : . | 81 | 6 |
| 74/ 73 | | . 2 | 1.1 | 1.0 | | | | | | | | | <u></u> | | <u>'</u> |] | | 46 | | 133 | 29 |
| 72/ 71 | | .9 | • 8 | | .5 | | • 5 | | .2 | | | | I | | | | | 43 | | 136 | |
| 70/ 69 | | .1 | . 4 | • 5 | | •1 | . 2 | | | | | i | | | ! | | | 15 | 15 | 121 | 122 |
| 68/ 67 | | • 1 | • 1 | | | • 1 | • 1 | . 1 | | | | | [| ! | | | | 5 | 5 | 117 | 120 |
| 66/ 65 | | 1 | • 1 | • 1 | . 3 | • l | | | | [| | | | i | | | | 5 | | 94 | |
| 64/ 63 | |] | | • 2 | • 2 | • 1 | i . | | | , | | | i | |] | | | 5 | 5 | 82 | |
| 62/ 61 | | | <u> </u> | • l | | | | | | | | ĺ | | <u> </u> | | | | 1 | 1 | 47 | |
| 60/ 59 | | 1 | | | | i | | | ! ! | | | | ĺ | i | | | | - | | 30 | |
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| 50/ 49 | | | | | | L | | ļ | İ | | | · | l | <u></u> | | | | | | | 35 |
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| 46/ 45 | · | | | | | <u></u> | | | | | | <u></u> | l | <u> </u> | <u> </u> | | | | | | 8 |
| 44/ 43 | | 1 | 1 | | | (| | | | | | | | | | | | | ! | - | 4 |
| 42/ 41 | | 1 | <u></u> | | | | | | L | | | | l | i | <u> </u> | | | | | | 1 |
| TOTAL | | 1.4 | 3.8 | 7.0 | 8.4 | 11.6 | 17.5 | 18.1 | 16.2 | 11.3 | 3.4 | 1.0 | .3 | i | | | | _ | 930 | | 930 |
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| Element (X) | | 2x' | | | ZX | | X | /A | | No. Ob | | | | | | | | Tempera | | | |
| Rel. Hum. | | | 1696 | | 507 | 42 | 54.6 | 13.2 | 52 | | 30 | ± 0 | F | : 32 F | ≥ 67 1 | | 73 F | * 80 F | ≥ 93 F | | Total |
| Dry Bulb | | | 0164 | I | 756 | | 81.4 | 5.9 | <u> </u> | | 30 | | _ | | 91. | | 85.5 | | | <u> </u> | 93 |
| Wet Bulb | | | 0064 | | 643 | 66 | 69.2 | 5.2 | 13 | 9 | 30 | | _ | | 65. | | 27.8 | • | 9 | | 93 |
| Dew Point | L | 371 | 2770 | L | 583 | 76 | 62.8 | 7.2 | 27 | 9 | 30 | | | | 36. | 0 | 4.3 | <u> </u> | | | 93 |
| | | | | | | | | | | | | | | | | | | | | | |

(FETAC 10LM 0.26.5 (OLA)

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFFTAL AIR WEATHER SERVICE/MAC RICKENPACKER AFB UH 1,7-70,73-78 PAGE 1 1500-1700 HOURS (L. S. T.) TOTAL TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Poin WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 98/ 97 96/ 95 94/ 93 22 22 • 1 92/ 91 35 35 71 90/ 69 2.2 89 89 88/ 87 .2 1.1 1.7 2.2 2.7 .5 2.8 2.6 2.2 2.7 97 86/ 85 128 128 84/ 83 .1 .5 1.0 1.5 .4 1.3 2.2 1.0 139 82/ 81 139 3.1 .6 1.4 1.2 .9 1-2 93 80/ 79 93 .5 1.2 1.0 1.0 1.4 1.2 .8 .9 66 78/ . 8 69 69 76/ 75 81 46 133 74/ 46 72/ 71 33 33 157 65 18 18 128 70/ 69 6 102 68/ 67 . 2 TIT 66/ 65 98 64/ 63 81 83 62/ 61 76 60/ 59 58/ 57 47 56/ 55 50 54/ 53 4 <u>i</u> 34 50/ 49 48/ 47 46/ 45 42/ 41 930 930 TUTAL .9 5.1 8.1 7.1 8.911.716.518.014.4 5.6 930 930

930 930

930

±0 F

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53.114.307

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64370 69.2 4.970

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6295942

4478320

Mean No. of Hours with Temperature

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267 F 273 F 280 F 293 F

64.1

73

20 E

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Element (X)

Rel. Hum.

Dry Bulb

Wer Bulb

GLOBAL CLIMATOLOGY BRANCH <u>ন</u>্ USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC RICKENRACKER AFB UH 67-70,73-78 PAGE 1 1800-2000 HOURS IL. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 96/ 95 94/ 93 92/ 91 10 10 90/ 89 19 19 88/ 87 34 .3 86/ 85 1.7 64 84/ 83 .2 1.1 1.2 2.0 84 1.7 • 2 82/ 81 116 3.1 .3 1.7 1.9 2.0 1.9 3.3 2.7 2.0 80/ 79 1.8 2.3 122 122 78/ 77 1.5 131 131 26 76/ 75 74/ 73 1.0 2.4 2.9 1.5 2.3 111 111 1.3 61 1.4 2.8 1.0 85 86 36 .4 107 .3 72/ 71 57 57 143 69 •9 44 108 70/ 69 . 6 . 8 35 68/ 67 35 101 .6 • 6 135 66/ 65 126 . 3 88 64/ 63 90 62/ 61 67 66 60/ 59 58/ 57 75 20 44 56/ 55 52 54/ 53 52/ 51 47 47 50/ 49 35 48/ 47 15 46/ 45 7 44/ 43 3.0 8.714.113.015.813.813.7 9.7 4.8 930 729 TUTAL 929 929 ğ 76.5 10th No. Obs. Element (X) Mean No. of Hours with Temperature 56097 72819 267 F | 273 F | 280 F 91.7 | 78.1 | 40.1 3589343 929 ± 32 F 10 F 93 5737115 78.3 5.719 930 91.7 40.1 Dry Bulb 19.6 4350681 63407 729 93 68.3 4.975 Wet Bulb 61.7 62.7 7.033 93 3701042

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GLOBAL CLIMATOLOGY BRANCH USAFFTAL **PSYCHROMETRIC SUMMARY** AIR MEATHER SERVICE/MAC 07-70,73-78 JUL RICKENBACKER AFB UH (2100-2300 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 28 29 . 30 2 31 D.B.W.B. Dry Bulb Wet Bulb Dew Point C 86/ 85 84/ 83 82/ 81 19 .6 80/ 79 . 8 37 .3 1.6 78/ 77 76/ 75 74/ 73 73 78 .2 2.2 2.5 1.9 1.2 4.5 2.9 2.2 118 118 .9 4.7 5.6 1.4 132 132 1.1 2.5 6.1 3.2 1.8 146 146 72/ 71 1.8 7.1 2.9 2.5 1.1 3.9 2.0 2.4 146 146 70/ 69 132 97 97 68/ 67 66/ 65 1.7 2.6 1.3 • 6 57 67 122 64/ 63 .5 1.8 1.1 42 101 . 8 82 62/ 61. .4 1.1 20 20 73 60/ 59 13 58/ 57 36 . 1 43 •1 •1 62 56/ 55 54/ 53 52/ 50/ 49 48/ 47 46/ 45 44/ 43 40/ 39 .3 9.832.727.716.6 8.3 3.1 1.1 930 930 930 ತ 1 70 E Element (X) No. Obs. Mean No. of Hours with Temperature 930 5313558 69506 74.711.310 267 F 272 F 280 F Rel. Hum. 10 F 4779437 66509 930 39.5 71.5 4.980 78.4 Dry Bulb 93 4086847 61461 66.1 5.195 930 47.8 10.0

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENBACKER AFB DH 57-70,73-78 YEARS MONTH PAGE 1 ALL WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 31 98/ 97 .0 96/ 95 14 94/ 93 39 39 92/ 91 84 34 157 157 88/ 87 221 221 . 2 315 315 86/ 85 . 1 406 84/ 83 406 82/ 81 495 495 . 3 501 .3 1.2 501. 80/ 79 562 562 24 78/ 77 .2 1.1 1.7 1.4 .0 168 76/ 75 618 618 320 4ó 73 674 675 197 74/ 1.2 2.8 2.6 661. 72/ 71 700 700 837 485 1.8 3.7 1.7 70/ 69 .2. 1.8 4.7 1.5 725 957 762 68/ 67 .01 1.5 3.3 1.2 551 987 . 8 <u>• 1</u> 551; 632 .0 .4 .0 1.2 2.5 1.4 426 426 874 66/ 65 . 2 .01 910 336 64/ 63 336 304 .8 1.0 62/ 61 239 239 .0. 1.1 630 • 0 60/ 59 165 165 423 624 473 58/ 57 98 98 306 55/ 55 . 3 .5 70 70 225 119 23 23 395 54/ 53 • 1, .0 310 63 236 50/ 49 • 1 23 121 48/ 47 55 46/ 45 44/ 43 19 42/ 41 40/ 39 .512.424.517.010.2 8.5 7.6 7.1 6.0 3.9 1.5 7439 TUTAL 7440 7439 7439 FORM All 04 No. Obs. Element (X) Mean No. of Hours with Temperature 69.316.517 73.9 8.250 37719406 515266 267 F | 273 F | 280 F | 293 F Rel. Hum. 10F Tatel 7440 550132 606.4 408.8 201.0 41184448 Dry Bulb 66.5 5.828 7439 33106167 494817 396.4 118.2 744 Wet Bulb 29290640

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C GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENBACKER AFB DH 67-70,73-78 0 PAGE 1 0000-0200 HOURS (L. S. T.) TOTAL TOTAL Dry Bulb Wet Bulb Dew Poin WET BULB TEMPERATURE DEPRESSION (F) 0 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 30 231 78/ 77 23 23 1.3 48 48 16 67 67 92 92 52 72/ 71 158 158 75 96 70/ 69 6.6 8.7 146 146 127 67 • 5 5.6 109 109 134 109 66/ 65 2.3 100 108 72 72 61 3.3 96 3.6 57 57 70 82 60/ 37 37 74 68 1.9 27 27 58 53 1.2 50/ 21 48/ 10 45 46/ 44/ 43 929 929 TOTAL .335.348.713.6 2.0 929 929 () 0 g 0 No. Obs. 77953 Oy 6590619 83.9 7.306 920 ≥67 F | ≥ 73 F 66.7 5.610 63.6 5.846 4165589 61997 929 53.5 13.8 Dry Bulb 929 32.9 3795026 59128 Wet Bulb oš 57349

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GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC RICKENRACKER AFB UH AUG 67-70,73-78 0300-0500 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 78/ 77 76/ 75 61 74/ 73 3.0 60 72/ 71 3.0 82 82 16. 5.1 107 84 70/ 69 135 68/ 67 101 66/ 65 93 93 120 64/ 63 .3 120 80 62/ 61 111 3.2 80 60/ 59 64 90 71 57 57 51 51 58/ 2.6 2.6 () 56/ 55 46 2.8 46 54/ 53 2.4 1.7 41 51 50 15 41 52/ 51 . 8 10 31 50/ 49 .6 26 29 48/ 47 46/ 45 44/ 43 929 1.553.038.8 6.2 930 TUTAL 929 929 Element (X) No. Obs. Mean No. of Hours with Temperature 6996903 80387 86,5 6,644 929 ≥73 F ≥80 F ≥93 F Rel. Hum. > 67 F 20F 1 32 F 930 3917860 60096 64.6 6.094 Dry Bulb 40.7 8.3 3623050 57724 62.1 6.257 929 25.4 1.9 93 Wet Bulb 3448884 60.5 6.807 Dew Point

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 1381; RICKENRACKER AFB OH 67-70,73-78 ΛUG PAGE 1 0600-0800 WET BULB TEMPERATURE DEPRESSION (F) (0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 82/ 81 80/ 79 78/ . 3 12 12 76/ 75 . 8 33 33 74/ 73 1.9 56 56 25 72/ 71 99 99 70/ 69 120 120 107 68/ 67 129 5.2 4.2 66/ 65 126 100 100 121 64/ 63 94 94 98 90 3.1 62/ 61 91 70 70 80 58/ 1.8 3.0 71 48 48 72 56/ 55 73 36 36 53 54/ 26 26 52/ 51 50/ 49 . 8 21 • 2 48/ 47 22 46/ 45 44/ 43 TUTAL 12 2.045.742.2 9.7 930 930 930 g Element (X) No. Obs. Zx? Mean No. of Hours with Temperature 85.7 6.946 Rel. Hum. 6876913 930 10F ≤ 32 F 267 F 273 F 280 F 293 F 60869 65.5 6.240 58359 62.8 6.233 Dry Bulb 4020079 930 45.3 10.5 930 3698209 29.5 93 2.9 56813 93

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C GLOBAL CLIMATULOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC RICKENRACKER AFB UH AUG 67-70,73-78 PAGE 1 1500-1700 WET BULB TEMPERATURE DEPRESSION (F) 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 ×31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 96/ 95 94/ 93 16 92/ 91 23 23 90/ 89 31 31 62 88/ 87 62 111 86/ 85 111 2.6 2.8 84/ 83 2.4 1.9 129 .8 2.6 3.1 2.2 123 123 82/81 108 80/ 79 3.6 108 15 78/ 77 95 95 76/ 75 74/ 73 • 2 2.3 1.7 99 99 78 1.6 112 43 40 43 1.1 . 8 44 72/ 71 44 142 95 1.1 17 130 70/ 69 101 18 68/ 67 • 3 18 84 66/ 65 101 102 64/ 63 70 62/ 61 67 58 56 60/ 59 79 56/ 42 33 52/ 17 48/ 47 46/ 45 10 44/ 43 TUTAL .1 2.3 4.0 7.4 9.312.119.121.216.4 5.7 2.4 929 929 929 929 10 E Element (X) No. Obs. Mean No. of Hours with Temperature SAFETAC 929 3102629 52251 56.213.286 267 F = 73 F > 80 F = 93 F Rel. Hum. 10F 6071440 929 56.0 74910 80.6 5.786 92.1 84.2 69.1 5.347 4467455 64231 929 26.7 93 Wer Bulb 64.1

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC RICKENRACKER AFB UH 47-70,73-78 PAGE 1 1800-2000 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poir 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 > 31 92/ 91 90/ 89 88/ 87 86/ 85 53 84/ 83 • 8 87 87 82/ 81 123 123 78/ 77 127 127 127 127 76/ 36 121 121 81 72/ 71 86 86 131 69 67 67 101 146 68/ 67 30 30 122 1.0 66/ 65 . 0 64/ 63 .6 60/ 59 58/ 57 56/ 55 54/ 53 52/ 51 48/ 47 46/ 45 44/ 43 4.511.418.019.619.513.4 8.7 3.9 930 930 TOTAL 930 930 0-26-5 (OL No. Obs. 930 X 4 65.413.063 60831 4137471 267 F 273 F 280 F 293 F 76.1 5.602 67.8 5.270 930 87.8 Dry Bulb 5413000 70760 69.5 930 4302351 63065 17.0 Wet Bulb

0 GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC RICKENBACKER AFB UH ΛUG 67-70,73-78 C PAGE 1 2100-2300 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 16 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 84/ 83 82/ 81 79 18 18 807 1.0 •6 2.9 1.5 78/ 77 44 76/ 3.5 68 68 1.6 74/ 73 7.0 133 133 19 72/ 71 3.2 8.8 4.1 168 168 56 70/ 149 149 128 93 69 119 68/ 67 3.7 2.3 97 165 2.0 88 66/ 65 88 115 64/ 63 2.0 2.5 63 • 5 63 87 116 1.7 39 39 84 62/ 61 .6 90 60/ 59 1.8 1.2 32 32 81 58/ 12 12 63 56/ 55 32 58 2 54/ 47 52/ 31 50/ 49 48/ 47 46/ 45 O 44/ 43 TOTAL 13.946.277.710.2 1.7 930 930 930 930 0.26.5 (OL Element (X) No. Obs. Mean No. of Hours with Temperature 5880935 79.1 8.602 73521 930 267 F 273 F 280 F 293 F 69.5 5.190 65.3 5.453 4523271 64679 930 Dry Bulb 68.5 27.1 1.4 930 3991528 60716 8.0 Wet Bulb 3696834 62.7 6.404

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GLOBAL CLIMATOLUGY BRANCH 3 USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC ΔUG RICKENRACKER AFB UH 67-70,73-78 PAGE 1 ALL HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin ((F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 96/ 95 94/ 93 52 52 92/ 91 .0 80 90/89 80 135 135 88/ 87 .4 .6 247 247 86/ 85 330 84/ 83 330 410 410 82/ 451 451 1.0 80/ 79 .0 499 192 500 78/ 77 75 2.1 3.1 • 6 599 599 298 76/ 1.6 1.3 683 684 550 73 72/ 71 3.4 726 726 760 760 940 784 70/ 69 649 470 983 649 856 68/ 67 3.1 914 470 832 66/ 65 396 396 64/ 63 286 286 663 623 60/ 59 226 226 468 582 58/ 149 149 361 548 273 480 117 117 55 56/ 342 54/ 53 85 85 157 35 35 318 52/ 51 . 3 21 50/ 49 62 138 48/ 47 73 46/ 33 44/ 43 .020.327.114.5 9.2 8.5 7.7 6.7 3.8 1.2 7438 7436 ᅙ 7436 7436 Element (X) Mean No. of Hours with Temperature 544662 73.215.502 7436 267 F | 273 F | 280 F | 293 F 41681452 Rel Hum. 10F ≈ 32 F Total 72.1 8.327 65.9 6.270 62.4 6.951 7438 564.9 351.3 152.4 39216438 Dry Bulb 536522 7436 374.9 108.0 744 32613459 490245

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GLOBAL CLIMATOLOGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENBACKER AFB OH SEP 07-70,73-78 0000-0200 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 26 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin (F) 76/ 75 27 55 55 72/ 71 3.2 2.1 19 61 70/ 69 3.0 61 68/ 67 2.9 5.6 85 85 48 45 85 85 66/ 65 2.6 63 64/ 63 3.2 1.7 55 55 102 62/ 61 98 60/ 69 35 59 69 3.8 68 57 87 58/ 4.0 86 70 62 73 56/ 55 73 78 54/ 53 63 63 78 52/ 51 51 51 2.6 64 50/ 49 48/ 39 47 2.8 1.0 50 46/ 45 13 13 38 10 43 43 10 1.0 10 11 39 40/ 20 38/ 37 35 36/ 32/ 31 30/ 29 899 1.042.743.410.9 1.3 900 8 ತ Element (X) No. Obs. Mean No. of Hours with Temperature 6310114 74944 83.4 8.343 899 10F ≤ 32 F ≥ 67 F ≥ 73 F Dry Bulb 3288180 53914 59.9 8.066 900 22.9 90 2.8 57.0 8.054 2980235 90 51253 899

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GLOBAL CLINATOLUGY BRANCH USAFT TAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC SEP RICKENBACKER AFB OH t,7-70,73-78 0300-0500 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 (F) . 3 74/ 73 72/ 71 65 38 65 70/ 69 39 13.0 2.9 60 68/ 67 60 35 47 66/ 65 2.9 4.1 78 56 78 73 64/ 63 5.2 2.6 65 62/ 61 71 71 7 3.9 62 58/ 83 61 83 59 56/ 55 5.0 3.6 69 54/ 53 76 76 52/ 51 3.2 5.0 66 50/ 49 2.4 57 40 65 3.8 48/ 47 29 46/ 45 17 44/ 43 1.4 42/ 41 . 2 40/ 39 13 13 • 1 16 38/ 37 10 10 10 35 14 33 34/ 32/ 31 30/ 29 2.357.135.2 4.2 900 900 TOTAL 900 900 ğ 77331 Mean No. of Hours with Temperature Element (X) No. Obs. 900 6693793 85.9 Total 7.402 ₹ 93 F Rel. Hum 10F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F 900 3068980 57.8 8.366 Dry Bulb 52014 15.6 900 2824704 49870 55.4 8.261 8.6 •1 Wet Bulb 900 Dew Point

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 13812 RICKENBACKER AFB OH 67-70,73-78 SEP YEARS PAGE 1 0600-0600 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 19 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point (F) 76/ • 1 74/ 73 .3 -6 12 72/ 71 2.2: . 81 30 30 70/ 69 4.01 2.81 68 68 27 44 68/ 67 2.1: 2.7 43 42 48 39 66/ 65 3.2 2.4 57 57 43 52 .2 4.8 2.9 1.1 83 64/ 63 56 83 • 1 51 1 4.6 2.9 1.2 62/ 61 80 80 60/ 59 .7 4.8 1.0 71 71 66 58/ 57 76 4.2 2.7 62 62 88 55 3.3 3.1 567 60 60 54/ 531 4.3 3.3 73 73 59 52/ 51 .1 3.4 4.1 70 70 57 73 50/ 49 .3 3.6 3.1 63 67 63 48/ 47 3.1 33 33 76 69 • 6 46/ 45 .3 2.8 32 79 . 4 32 44 15 44/ 1.3 •3 15 31 37 1.3 36 17 40/ 39 38/ 37 • 1 13 • 41 . 6 6 13 . 31 36/ 35 •6 34/ 33 32/ 31 . 1 30/ 29 900 UTAL 2.055.835.4 5.2 900 900 900 õ 30 5 z_x 77532 Element (X) No. Obs. Mean No. of Hours with Temperature 6724074 86.1 7.071 900 Rel. Hum. 273 F | 280 F | 293 F 10F ± 32 F Total 2 47 F 58.1 8.509 55.7 8.345 900 3101865 52279 1.9 90 Dry Bulb 10.5 900 50144 Wet Bulb 2856402 9.8 90 2689050 54.0 8.076 900

GLUBAL CLIMATULUGY BRANCH PSYCHROMETRIC SUMMARY USAFETAL AIR WEATHER SERVICE/HAC RICKENBACKER AFB OH 67-70,73-78 0900-1100 PAGE 1 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 3 - 4 5 - 6 7 - 8 88/ 87 al 86/ 85 11 84/ 83 82/ 81 - 8 28 28 30/ 79 48 48 75 57 57 76/ 73 73 73 2.0 72/ 91 23 91 70/ 69 86 60 68/ 67 2.0 79 79 72 74 66/ 65 1.6 53 61 61 78. 64/ 63 1.8 73 89 61 82 60/ 59 • 6 74 58/ 57 45 . 6 56/ 55 1.0 22 22 80 52/ 51 10 10 67 .1 50/ 49 48/ 47 25 46/ 44/ 43 13 42/ 16 40/ 39 • 1 38/ 36/ 35 34/ 32/ 31 28/ 27 900 900 TUTAL .310.023.724.321.212.4 5.2 1.9 900 900 No. Obs. Mean No. of Hours with Temperature Element (X) 4627078 900 70.612.404 267 F 273 F 280 F 293 F 63560 10F Rel. Hum. ± 32 F 900 24.4 60435 67.2 8.147 48.9 Dry Bulb 4117873 90 Wet Bulb 3407704 54968 61.1 7.495 24.2

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GLOBAL CLIMATULOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC SEP 67-70,73-78 RICKENBACKER AFB UH 1200-1400 PAGE 1 TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 94/ 93 92/ 91 17 18 90/ 89 18 88/ 87 27 86/ 85 50 50 • 2 . B 1.2 84/ 83 58 58 82/ 81 80/ 79 78 78 1.8 82 82 1.8 • 1 1.4 78/ 77 87 75 73 . 8 76/ 69 50 10 69 1.6 75 35 75 60 71 46 73 1.0 59 70/ 69 56 56 73 1.0 68/ 67 .8 58 81 58 1.3 1.3 65 35 66/ 35 98 . 8 1.0 64/ 63 34 84 • 7 62/ 61 35 35 76 . 6 67 57 71 58/ 57 56/ 55 54 6 • 1 • 1 54/ 53 34 52/ 51 23 50/ 49 47 53 46/ 45 43 25 41 42/ 38/ õ 36/ 35 34/ 33 900 28/ 27 900 2.8 8.0 8.913.016.721.414.0 8.8 4.4 1.4 FUTAL 900 900 Mean No. of Hours with Temperature Element (X) 900 ≤ 32 F 51159 56.814.351 ±0F 3093211 पत Rel. Hum. 900 73.2 8.392 4887039 65389 90 Dry Bulb 30.6 10.0 63.0 7.455 900 56667 3617913 Wet Bulb 15.3 56.2 9.594 50612

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GLOBAL CLINATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENBACKER AFB UH 07-70,73-78 1500-1700 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 94/ 93 90/ 89 18 88/ 87 18 36 86/ 85 84/ 83 56 56 73 73 82/ 81 87 87 80/ 77 78/ 89 89 74/ 71 • 3 87 71 72/ 71 57 70/ 69 68/ 67 66 • 6 33 33 91 66/ 65 48 2.0 48 88 64/ 63 62/ 61 32 32 58/ 57 65 55 10 64 65 56/ 53 53 50 .1 22 49 50/ 56 46/ 60 42/ 41 40/ 39 38/ 37 34/ 33 30/ 28/ 27 Element (X) ZXI ZX No. Obs. Mean No. of Hours with Temperature = 32 F Dry Bulb Wet Bulb

GLOBAL CLIMATOLOGY BRANCH <u>ૹ</u> USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENBACKER AFB UH 67-70,73-78 YEARS 1500-1700 TOTAL TOTAL
D.B./W.B. Dry Bulb Wer Bulb Dew Poin WET BULB TEMPERATURE DEPRESSION (F) O. 1 · 2 | 3 · 4 | 5 · 6 | 7 · 8 | 9 · 10 | 11 · 12 | 13 · 14 | 15 · 16 | 17 · 18 | 19 · 20 | 21 · 22 | 23 · 24 | 25 · 26 | 27 · 28 | 29 · 30 | • 31 | 4 · 1 | 6 · 0 | 7 · 4 | 10 · 2 | 11 · 9 | 18 · 7 | 17 · 3 | 3 · 3 | 7 · 0 | 2 · 7 | • 7 | • 3 | • 2 | • 1 TOTAL •7 •1 900 900 900 900 ()· ĝ X 54.315.654 74.28.424 Element (X) Mean No. of Hours with Temperature 2869267 48827 900 267 F 273 F 280 F 293 F 72.9 54.0 25.9 . Rel. Hum. 66744 74.2 8.72. 56671 63.0 7.435 50034 55.6 9.936 900 90 5013524 3618143 900 30.6 90 Wet Bulb 900 90

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0 GLOBAL CLIMATOLOGY BRANCH 3 **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC SEP RICKENBACKER AFB UH 07-70,73-78 YEARS 0 PAGE 1 1800-2000 HOURS (L. S. T.) TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 Wet Bulb Dew Poin 90/ 89 88/ 87 86/ 85 • 3 84/ 83 15 82/81 15 • 1 42 80/ 77 60 60 78/ 1.8 • 3 74 75 73 74 76/ 85 89 85 741 89 71 53 72/ 87 37 87 73 70/ 69 72 63 72 80 68/ 67 66/ 65 • 8 74 74 71 71 2.6 1.2 64/ 63 2.0 63 63 86 1.1 53 61 33 81 62/ 61 1.0 52 71 60/ 52 87 57 37 37 68 65 58/ 1.9 • 6 32 32 70 55 1.0 • 3 56/ 1.0 60 16 43 16 53 65 10 51 51 10 50 52/ 31 58 49 50/ 46/ 34 44/ 43 42/ 40/ 38/ 36/ 35 34/ 33 32/ 31 30/ 29 28/ 27 899 € TOTAL .1 7.216.224.519.415.2 9.8 4.6 2.3 899 899 No. Obs. Mean No. of Hours with Temperature Element (X) 59689 4135401 800 Ret. Hum. 267 F 273 F ≥ 80 F 90 68.4 8.026 61.2 7.585 54.9 30.0 4264468 61496 899 6.4 Dry Bulb 55054 899 25.6 5.0 90 3423118 Wet Bulb 50558 90

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 13812 RICKENBACKER AFB OH SEP 67-70,73-78 PAGE 1 2100-2300 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 78/ 77 • 1 76/ 75 55 74/ 73 1.0 2.8 2.3 72/ 71 2.7 4.2 2.3 5.2 1.4 81 44 70/ 69 81 46 68/ 67 85 47 85 75 79 51 66/ 65 64/ 63 3.1 2.6 77 2.3 3.9 1.9 85 85 62/ 61 •3 66 2.4 3.1 72 607 57 1.1 4.1 2.0 1.8 3.2 .9 69 58/ 69 89 56/ 55 57 57 63 54/ 53 2.1 1.6 52/ 51 1.3 46 48 46 2.3 50/ 49 1.0 1.0 22 22 81 48/ 47 48 52 46/ 45 . 2 31 44/ 43 . 6 42/ 40/ 39 37 38/ 36/ 35 34/ 33 32/ 31 30/ 29 899 .422.546.123.6 5.6 1.6 899 TOTAL 899 899 õ 0.26.5 Element (X) Mean No. of Hours with Temperature 5686549 71005 79.0 9.345 899 Rel. Hum. 267 F | 273 F | 280 F ≥ 93 F ±0 F Total ± 32 F 62.4 7.731 90 3557454 Dry Bulb 56124 899 30.9 8.5 52678 52678 58.6 7.794 50102 55.7 8.743 90 3141278 899 Wet Bulb 16.5 90

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D.B./W.B. Dry Bulb Wet Bulb Dew Poin WET BULB TEMPERATURE DEPRESSION (F) () 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 28 29 - 30 = 31 (F) 94/ 93 92/ 91 90/ 69 88/ 87 43 43 86/ 85 .0 132 84/ 83 82/ 81 162 162 235 235 275 275 76/ 75 339 96 397 397 74/ 73 187 C497 497 145 307 589 589 450 305 70/ 69 2.1 2.3 528 528 406 <u>68/_67</u> 501 531 531 546 66/ 65 1.4 2.8 502 502 663 461 405 495 62/ 61 2.0 2.0 450 450 653 60/ 59 372 373 582 58/ 57 366 366 510 53 297 297 .0 1.6 . ĉ 269 269 422 • 0 351 201 201 50/ 505 300 136 136 46/ 45 191 441 54 307 124 192 39 42/ 41 61 28 136 40/ 39 28 49 20 105 38/ 37 20 22 13 66 34/ 33 18 32/ 31 30/ -29 28/ 27 Element (X) Mean No. of Hours with Temperature Dry Bulb Wet Bulb

GLOBAL CLIMATULUGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 13812 RICKENBACKER AFB DH 67-70,73-78 SEP PAGE 2 HOURS (L. S. T.) TOTAL TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) Temp. 0 1 · 2 3 · 4 5 · 6 7 · 8 9 · 10 11 · 12 13 · 14 15 · 16 17 · 1 · 19 · 20 21 · 22 23 · 24 25 · 26 27 · 28 29 · 30 • 31 • 8 2 5 • 3 2 6 • 7 1 3 • 6 9 • 0 7 • 3 7 • 0 4 • 7 3 • 2 1 • 5 • 5 • 2 • 1 • 0 • 0 TOTAL 7797 7197 7197 Element (X) No. Obs. Mean No. of Hours with Temperature 524047 72.8 6.593 468895 65.1 10.238 427305 59.4 8.330 40139487 267 F 273 F 280 F 293 F 333.0 171.5 58.9 . 7197 Rel. Hum. 10F 31299383 7198 Dry Bulb 720 25869497 7197 .2 157.9 32.0

GLOBAL CLIMATULOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC RICKENBACKER AFB DH 67-70,73-78 DCT PAGE 1 0000-0200 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.B./W.B. Dry Bulb Wet Bull D. w Poin 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 72/ 71 70/ 69 68/ 67 10 • 3 22 • 3 22 66/ 65 641 63 1.1 26 62/ 61 1.6 37 22 31 60/ 59 2.4 29 57 68 58/ 55 63 63 43 48 56/ 2.1 2.7 67 67 54/ 53 2.6 63 78 52/ 51 63 62 71 77 61 78 60 1.9 48/ 47 2.6 1.4 79 . 3 62 46/ 45 81 44/ 43 81 85 4. 50 82 63 42/ 41 3.2 1.0 40 66 39 40/ 1.6 2.2 67 42 27 66 35 1.8 1.0 36/ 1.3 26 35 34/ 33 15 15 15 15 32/ 31 21 30/ 29 36 • 9 16 28/ 27 17 23 • 1 12 22/ 21 19 20/ 18/ 17 õ TOTAL 2.138.038.416.1 4.7 930 924 924 924 No. Obs. Element (X) Mean No. of Hours with Temperature 924 5717321 77.910.989 ± 32 F ≥ 67 F 2286475 45305 48.7 9.247 930 93 4.2 Dry Bulb 924 45.5 9.139 7.4 Wet Bulb 1989460 42036 93 38765 42.010.312 18.2

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GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 13812 RICKENBACKER AFB UH 67-70,73-78 PAGE 1 0300-0500 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Poin (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 68/ 67 66/ 65 26 30 26 64/ 63 18 62/ 61 30 27 60/ 59 .3 1.7 58 58 54 57 56/ 55 57 54/ 53 71 71 52/ 51 4.5 1.7 50/ 49 48/ 47 3.7 2.2 70 71 64 45 62 83 .1 3.1 4.4 1.0 2.7 2.3 .6 81 44/ 43 87 53 39 40/ 2.5 3.4 85 38/ 37 48 48 3.0 36/ 35 3.2 23 57 32/ 31 2.2 1.0 21 1.4 •6 24/ 23 22/ 21 22/ 20/ 19 18 3.047.935.011.7 2.4 DTAL 924 924 Element (X) 267 F 273 F 280 F 293 F Rel. Hum. ≤ 32 F 930 43794 47.1 9.397 2144308 6.7 Dry Bulb 9.0 40983 44.4 9.244 1896619

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC RICKENBACKER AFB OH 67-70,73-78 OCT YEARS 0900-1100 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 (F) 80/ 79 78/ 77 10 76/ 75 10 11 72/ 19 71 • 5 €. 33 70/ 69 68/ 67 48 48 1.4 35 C 29 64/ 63 1.8 62/ 61 50 50 2.0 59 1.0 61 60/ 73 58/ 57 72 49 48 56/ 55 62 62 58 74 74 38 52/ 51 2.9 2.1 83 84 59 54 •5 1.5 88 59 2.5 3.5 88 87 50/ 49 42 85 48/ 47 2.7 1.2 49 61 62 76 46/ 45 69 45 43 1.0 1.2 1.7 45 70 30 30 51 65 39 18 18 32 69 40/ 1.1 10 10 49 66 38/ 37 51 36/ 35 26 34/ 33 37 38 32/ 31 • 1 32 30/ 18 28/ 27 25 26/ 11 24/ 23 22/ 21 10 20/ 19 929 .8 13.9 5.8 24.5 19.7 11.1 3.5 . 8 920 TOTAL 920 920 No. Obs. Element (X) Mean No. of Hours with Temperature 920 62402 Rel. Hum. 4409792 67.813.885 10F 267 F 273 F >80 F 293 F 2886343 51053 55.0 9.327 929 12.7 Dry Bulb •2 2.2 2319601 45491 49.4 8.741 920 93 Wet Bulb 93 40493 1880909

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GLOBAL CLIMATOLUGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENBACKER AFB UH DCT 27-70,73-78 PAGE 1 1200-1400 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL C 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 86/ 85 82/ 81 13 80/ 79 26 78/ 77 26 37 73 50 72/ 53 53 . 8 70/ 69 1.0 50 50 66/ 65 52 52 64/ 63 64 62/ 61 80 68 40 60/ 59 58 58 44 75 75 51 58/ 57 54 53 50 58 56 77 69 63 63 50/ 32 48/ 47 31 39 75 17 56 38 41 42/ 49 40/ 39 35 60 38/ 58 38 34/ 33 35 34 30/ 29 28/ 22 26/ 20 22/ 21 19 20/ Element (X) Mean No. of Hours with Temperature 10F 267 F 273 F 20 F 293 F Dry Bulb Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENBACKER AFB UH 67-70,73-78 1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 2 31 18/ 17 16/ 15 TOTAL 6.0 9.410.015.222.917.810.4 6.0 2.1 930 923 923 50511 50511 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 54.715.700 ±67 F = 73 F = 80 F = 93 F 3598497 61.310.307 57051 930 30.8 Dry Bulb 923 2595210 48238 52.3 8.970 Wet Bulb 5.8

GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC nc T RICKENBACKER AFB OH 57-70,73-78 1500-1700 HOURS (L. S. T.) 0 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Poin 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 31 86/ 85 84/ 83 16 24 16 82/ 81 80/ 79 77 78/ 58 73 48 72/ 71 48 70/ 69 60 68/ 67 69 66/ 65 (X 61 61 64/ 63 65 67 23 62/ 61 65 67 60/ 58/ 36 36 35 49 49 53 47 1.0 .8 83 50/ 1.8 48/ 33 46/ 1.0 • 6 18 18 69 50 28 21 40/ 85 38/ 32/ 31 30/ 29 28/ 26/ 22/ 21 20/ Mean No. of Hours with Yemperature Rel. Hum Dry Bulb Wet Bulb

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C 88 C GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/HAC RICKENRACKER AFB OH OCT 67-70,73-78 1800-2000 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 19 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 Dry Bulb Wet Bulb Dew Point 78/ 77 76/ 75 74/ 73 72/ 71 19 21 20 33 37 70/ 69 33 38 68/ 67 66/ 65 56 64/ 63 59 59 65 18 64 62/ 61 1.1 71 72 36 60/ 61 73 50 1.2 58/ 57 1.0 61 30 73 45 53 73 39 65 31 49 63 50/ 75 45/ 60 83 46/ 45 29 29 91 33 19 42/ 33 58 78 40/ 38/ 37 31 62 51 36/ 23 33 34/ 26 30/ 29 25 26 22/ 21 20/ 19 TUTAL 11 .111.217.924.425.213.0 6.3 1.6 422 922 922 Element (X) 59320 51866 4013016 64.314.605 922 ≥ 67 F | ≥ 73 F | ≥ 80 F ≤ 32 F 2970796 55.8 9.177 930 Dry Bulb 2332306 49.5 8.786 Wet Bulb 45660

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GLOBAL CLIMATOLUGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC **DCT** RICKENBACKER AFB UH 67-70,73-78 PAGE 1 ALL JRS (L. S. T. TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 86/ 85 84/ 83 82/ 81 .0 80/ 79 78/ 77 .3 72/ 71 . 3 70/ 69 • 3 68/ 67 66/ 65 .0 64/ 63 62/ 60/ 58/ 56/ 2.4 50/ 46/ 38/ 36/ 30/ • 6 <u>2</u>7 26/ • 2 22/ Element (X) Mean No. of Hours with Temperature ≥ 73 F ≥ 80 F Dry Bulb Wer Bulb

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GLOBAL CLIMATOLOGY BRANCH 3 USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC RICKENRACKER AFB UH OCT 67-70,73-78 0 PAGE 2 ALL HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.8./W.8. Dry Bulb | Wet Bulb | Dew Poi 18/ 17 16/ 15 TOTAL 1.224.825.616.511.3 8.7 5.8 3.4 1.7 • 2 • 0 7382 7382 7382 C 0.26-5 (OL Element (X) 37250297 509607 69.016.748 7382 1 32 F 22185210 397696 53.511.113 7437 20.6 354831 48.1 9.522 7382 37.3 17724935 744 13.7 Wet Bull 42.710.702 315247

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€ GLOBAL CLIMATULUGY BRANCH **€** USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC NOV RICKENRACKER AFB UH 1,7-70,73-78 PAGE 1 0000-0200 TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Por WET BULB TEMPERATURE DEPRESSION (F) 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 68/ 67 • 1 64/ 63 27 60/ 58/ 57 55 56/ 38 33 52/ 51 31 2.0 44/ 46 45 46 43 61 38/ 68 35 36/ 70 54 65 61 70 32/ 31 65 30/ 32 26/ 23 20/ 18/ 15 16/ 8/ Element (X) 267 F | 273 F | 280 F | 293 F Rel. Hum. Dry Bulb Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 13812 RICKENBACKER AFB UH 07-70,73-78 NOV 0000-0200 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point -2/ -3 -4/ -5 TUTAL 2.946.235.110.7 3.9 1.0 900 900 900 900 ತ 0 70 PG 124 Element (X) Mean No. of Hours with Temperature 76.1 11.929 40.4 11.131 37.4 10.527 900 68476 36328 Rel. Hum. 5337878 ≤ 32 F 267 F 273 F 280 F 293 F 900 24.1 32.2 1577740 Dry Bulb 1361798 33704 90 Wet Bulb 900

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GLOBAL CLIMATOLOGY BRANCH 3 **PSYCHROMETRIC SUMMARY** USAFFTAC AIR WEATHER SERVICE/MAC NOV RICKENBACKER AFB OH 67-70,73-78 PAGE 1 0300-0500 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 Wet Bulb Dew Poin 1-2 3-4 5-6 7-8 68/ 67 • 1 66/ 65 62/ 61 60/ 59 . 2 58/ 57 33 28 18 28 56/ 55 28 32 54/ 53 32 52/ 51 41 1.6 27 50/ 49 45 48/ 47 • 1 45 45 36 46/ 45 3.2 44/ 43 1.6 31 31 42/ 41 50 56 39 40/ 39 2.1 75 75 38/ 37 60 36/ 35 62 62 73 • 1 65 34/ 33 65 65 63 32/ 31 3.8 2.7 52 52 30/ 29 61 27 28/ 53 3.1 39 26/ 25 39 18 32 24/ 23 . 8 C: 24 20/ 1.0 18/ 15 16/ 12/ 11 10/ 8/ Mean No. of Hours with Temperature Element (X) 267 F 273 F 280 F Total Ref. Hum. Dry Bulb Wet Bulb

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D.B./W.B. Dry Bulb Wet Bulb Dew Poin WET BULB TEMPERATURE DEPRESSION (F) (1.2 3.4 5.6 7.6 9.10 11.12 13.14 15 16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 231 -4/ -5 900 TOTAL 4.952.331.2 6.8 3.8 900 900 \mathbf{C}' • **C**. O €, ತ 0.26.5 0 Mean No. of Hours with Temperature Element (X) USAFETAC 900 77.711.815 Rel. Hum. ≤ 32 F ≥ 67 F ≥ 73 F ± 0 F 39.411.174 36.710.632 1507174 35432 900 20.6 Dry Bulb 1316476 900 90 33066 33.4 Wet Bulb 32.711.944

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C GLOBAL CLIMATOLOGY BRANCH 69 USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 67-70,73-78 13812 RICKENRACKER AFB UH 0600-0800 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 66/ 55 64/ 63 62/ 61 1.0 11 11 60/ 59 58/ 57 1.9 32 32 29 29 54/ 53 .1 1.3 35 35 1.2 34 34 22 1.6 48/ 47 2.0 32 32 46/ 45 41 .1 3.3 1.2 35 35 53 42/ 41 62 62 38/ 37 70 70 67 36/ 3.8 60 33 4.6 3.9 68 68 86 34/ 2.4 64 30/ 29 50 28/ 27 3.6 50 52 25 3.4 26/ 28 22/ 21 2.8 20 20 20/ 19 1.7 18/ 17 17 30 16/ C 13 • 2 10/ 8/ 0/ Element (X) Meen No. of Hours with Temperature Rel. Hum. ▶ 93 F Dry Bulb

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC NOV RICKENBACKER AFB UH 67-70,73-78 YEARS 0600-0800 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin -2/ -3 -4/ -5 900 TUTAL 4.453.031.8 8.0 2.4 900 900 G ತ 0.76 70 EM Mean No. of Hours with Temperature Element (X) 70476 800 Rel. Hum. 2 0 F = 32 F 38.811.082 36.310.660 32.512.044 900 1468246 34958 27.3 Dry Bulb 900 1290548 32704 34.7 Wet Bulb 29208 1078304

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENBACKER AFB OH 07-70,73-78 YEARS PAGE 1 0900-1100 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 Dry Bulb Wet Bulb Dew Port 76/ 75 72/ 71 70/ 59 66/ 65 64/ 63 . 8 62/ 61 58/ 57 . 8 39 34 26 13 27 •1 50/ 49 1.7 40 40 46/ 45 44/ 43 42/ 41 54 53 67 70 ٥I 61 2.3 63 38/ 37 63 69 69 49 36/ 33 63 42 71 63 78 32/ 31 42 52 30/ 29 2.1 1.8 52 21 46 25 19 21 62 25 ٦i TI 26/ 38 11 18/ 16/ 14/ 12/ 10/ Element (X) Rel. Hum. 267 F | 273 F | 280 F | <93 F Total Dry Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** LIR WEATHER SERVICE/MAC RICKENBACKER AFB UH 67-70,73-78 0900-1100 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Poin 2/ 0/ 900 1.432.039.117.4 6.8 2.8 900 900 900 Element (X) Meen No. c" Hours with Temperature 900 4878093 1772522 65193 38704 72.413.162 Rel. Hum. 1 32 F ≥ 67 F 90 900 43.010.964 14.5 Dry Bulb 39.410.385 90 Wet Bulb 1491410 35426 900 24.3 30942 41.0

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENBACKER AFB UH 1,7-70,73-78 1200-1400 WET BULB TEMPERATURE DEPRESSION (F) 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 | 24 | 25 . 26 | 27 . 28 | 29 . 30 | * 31 78/ 77 76/ 75 73 74/ 72/ 71 70/ 69 20 68/ 67 65 63 27 10 62/ 61 20 60/ 59 51 58/ 56/ 53 54/ 49 50 71 50 26 71 48/ 47 57 61 58 68 68 37 50 45 33 27 30/ 29 21 22/ 37 20/ 18/ 16/ 11 Element (X) Rel. Hum. Dry Bulb Wet Buth

GLOBAL CLIMATULOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC F.ICKERRACKER AFB DH иви 67-70,73-78 PAGE 2 1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 ≥ 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point Temp. 10/ 8/ 6/ 2/ 0/ 900 900 .712.478.374.417.3 8.6 5.3 2.3 900 900 0-26-5 (OL A) Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 3793211 56739 63.015.508 900 ≤ 32 F 42847 900 2157211 47.611.426 6.7 Dry Bulb 6.2 1683605 900 16.1 37791 42.010.375 90 Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC RICKENBACKER AFB UH NOV 67-70,73-78 PAGE I 1500-1700 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 80/ 79 78/ 76/ 10 10 72/ 70/ 69 68/ 67 66/ 65 31 64/ 63 24 25 62/ 61 36 60/ 59 19 58/ 57 56/ 55 34 33 49 49 54/ 52/ 51 58 .8 48/ 47 1.0 65 65 46/ 45 • 6 44/ 43 2.7 61 32 40/ 39 2.3 1.1 36 56 53 38/ 57 36/ 35 32/ 31 1.3 1.2 60 56 30/ 28/ 27 11 11 40 ğ 43 20/ 39 18/ 16/ 15 • 2 Element (X) Rel. Hum. ≥67 F | ≥73 F | ≥,80 F | ≥93 F Dry Bulb Wet Bulb

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GLOBAL CLIMATULOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC ΝŨV RICKENBACKER AFB OR 07-70,73-78 PAGE 2 1500-1700 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

1 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 4 25 26 27 - 28 29 - 30 ≥ 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point Temp. (F) 12/ 11 10/ 0/ -2/ .312.924.923.317.010.7 7.8 2.8 900 900 TOTAL 900 900 o ë 0 FORM No. 64 z_x 55207 но. ОББ. 900 61.315.877 SAFETAC 3613071 2197315 ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F 43245 48.111.524 900 Dry Bulb Wet Bulb 1692505 37881 42.110.446 900 16.7

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GLOBAL CLIMATOLOGY BRANCH 83 **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC νОи RICKENBACKER AFB UH 07-70,73-78 (PAGE 1 1800-2000 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 72/ 71 70/ 69 68/ 67 11 66/ 65 64/ 63 15 15 62/ 61 60/ 59 34 23 31 58/ 57 38 56/ 55 . 8 26 35 35 18 52/ 51 2.1 1.1 55 50/ 49 33 56 48/ 47 60 46/ 3.1 2.1 43 • 2 44/ 55 71 61 40/ 39 71 36/ 61 33 32/ 31 30/ 1.3 . 3 16/ 12/ 11 10/ 8/ Element (X) No. Obs. Rel. Hum. Dry Bulb

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GLUBAL CLIMATULOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENRACKER AFB UH 67-70,73-78 C PAGE 2 1800-2000 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | a 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point 4/ 3 900 .623.437.625.0 8.4 3.8 1.2 900 TUTAL 900 900 ã õ No. Obs. 900 Mean No. of Hours with Temperature 4463905 1829361 43.810.760 Dry Bulb 39405 900 11.7 39.610.266 33.912.149 900 Wet Bulb 1507050 35652 24.9 90 1166848

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(GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC RICKENBACKER AFB UH 67-70,73-78 PAGE 1 2100-2300 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Por (F) 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 70/ 69 68/ 67 66/ 65 64/ 63 62/ 61 60/ 59 19 21 30 58/ 57 28 56/ 55 54/ 53 28 37 . 6 30 50/ 49 52 52 59 48/ 47 59 46/ 45 46 55 3.1 2.3 46 42/ 41 55 40/ 39 58 38/ 37 58 43 71 55 36/ 33 71 73 73 53 30/ 29 28/ 27 29 66 62 25 26/ 53 22/-21 37 17 •2 18/ 0.26-5 (OL 10/ 8/ Element (X) Mean No. of Hours with Temperature Rel. Hum. ± 0 F 267 F ≥ 73 F ≥ 80 F Total

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€. GLOBAL CLIMATOLUGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENPACKER AFB DH 07-70,73-78 2100-2300 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Poin -2/ -3 900 TOTAL 900 900 Element (X) No. Obs. 73.912.131 5043546 900 1 32 F 900 20.6 Dry Bulb 1640690 37152 41.310.913 34195 2**9**956 1395959 38.010.373 900 90 31.1 Wet Bulb

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GLOBAL CLIMATULURY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC NOV RICKENSACKER AFB UH 67-70,73-78 C ALL PAGE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL E 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poir 12/ 11 68 10/ 33 .0 16 87 26 12 4/ 14 13 0/ 7200 2.133.923.316.3 7.9 3.8 1.9 7200 7200 7200 ಠ Element (X) Mean No. of Hours with Temperature 514685 308071 7200 ≥ 67 F ≥ 73 F > 80 F ≥ 93 F Rel. Hum 38327288 71.514.580 ± 32 F 7200 137.6 14150259 42.811.600 Dry Bulb 16.4 11739351 280419 38.910.659 7200 213.4 720 2.8 351.1

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GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC DEC RICKENRACKER AFB UH 57-70,73-78 0000-0200 C PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 62/ 61 60/ 59 58/ 57 53 • 1 52/ 51 18 1.0 50/ 49 . 6 22 22 48/ 47 16 15 15 18 44/ 43 29 .1 2.2 38 38 • 1 42/ 41 37 37 32 40/ 39 33 20 38/ 37 2.8 65 30 36/ 35 65 5.4 3.8 88 88 34/ 33 102 102 52 32/ 31 5.6 80 80 91 69 30/ 29 4.1 4.0 75 59 3.6 75 79 28/ 4.2 54 80 65 26/ 25 1.6 45 45 62 23 38 22/ 3.2 38 41 20/ 19 27 50 18/ 17 2.7 41 15 16/ 19 13 14 10/ 26 8/ 16 6/ 2/ 0/ -2/ Element (X) Rel. Hum. Dry Bulb Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENMACKER AFB UH 67-70,73-78 0000-0200 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL • 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 2 31 | D.R./W.B. Dry Bulb | Wer Bulb | Dew Point 929 FUTAL 929 929 ತ No. Obs. 929 Mean No. of Hours with Temperature 5407866 ± 32 F 993531 28773 31.010.503 929 53.8 Dry Bulb 859321 26683 28.710.007 Wet Bulb 63.6

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GLOBAL CLIMATOLUGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC DEC RICKENBACKER AFB UH 67-70,73-78 0300-0500 TOTAL WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 D.B./W.S. C (F) 62/ 61 58/ 57 55 56/ 54/ 53 51 52/ 23 50/ 49 11 $\overline{11}$ 48/ 47 20 31 20 46/ 31 43 31 31 42/ 41 29 40/ 39 42 42 38/ 61 61 36/ 35 94 94 97 83 3.7 81 66 81 30/ 62 56 3.3 28/ 27 3.1 85 3.2 55 5.2 60 3.7 30 15 16/ 20 20 12/ 10/ 10 10 3 0/ Mean No. of Hours with Temperature ZX Element (X) 267 F | 273 F | 280 F | 293 F Dry Bulb Wet Bulb

GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENPACKER AFB UH DEC 67-70,73-78 C PAGE 2 0300-0500 WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | × 31 TUTAL 3.862.828.4 4.1 .6 930 930 ತ 0.26.5 Element (X) Mean No. of Hours with Temperature Rel. Hum. 5442466 930 +73 F +80 F | +93 F 1 32 F 952167 28087 30.210.576 930 55.7 Dry Bulb 930 824241 26067 28.010.038 65.5 Wet Bulb 76.0

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GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC DEC RICKENBACKER AFB UH 67-70,73-78 0600-0800 O PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

1 · 2 | 3 · 4 | 5 · 6 | 7 · 8 | 9 · 10 | 11 · 12 | 13 · 14 | 15 · 16 | 17 · 18 | 19 · 20 | 21 · 22 | 23 · 24 | 25 · 26 | 27 · 28 | 29 · 30 | ≥ 31 | D.B./W.B. | Dry · 16 | Wet Bulb | Dew Point 62/ 61 58/ 57 \mathbf{C} 56/ 55 53 15 15 51 52/ 50/ 49 18 48/ 47 17 27 46/ 45 21 43 30 28 16 28 39 40/ 2.3 38/ 35 68 36/ 71 34/ 93 64 32/ 31 3.3 88 88 103 58 30/ 45 63 5.4 63 27 28/ 1.1 50 83 80 26/ 3.8 1.5 33 33 23 2.8 . 8 24/ 6.6 3.3 49 37 63 16/ 15 3.5 31 42 12/ 11 10/ 32 8/ 1.2 0/ Element (X) ΣX, 267 F 273 F 280 F 293 F ± 0 F Ref. Hum. Dry Bulb Wet Bulb

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650 F GLOBAL CLIMATOLOGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 13812 RICKENPACKER AFB DH DEC 67-70,73-78 ŧ 0600-0800 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL TOTAL 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 231 D.B./W.B. Dry Bulb Wet Bulb Dew Point Temp (F) -8/ -9 927 TOTAL 927 927 71052 27488 76.610.308 29.610.671 No. Obs. Element (X) 5544332 918252 927 930 Rel. Hum. 58.4 Dry Bulb Wet Bulb 796340 25486 27.510.164 927 66.7

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GLOBAL CLIMATOLOGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC DEC RICKENPACKER AFB UH 67-70,73-78 PAGE 1 0900-1100 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. D.B. W.B. Dry Buth Wet Buth Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 64/ 63 60/ 59 58/ 57 56/ 54/ 53 18 18 50/ 49 1.0 21 16 20 20 18 48/ 47 .8 46/ 45 23 23 16 29 22 44/ 43 1.3 29 32 42/ 41 40/ 39 52 52 23 39 67 58 31 38/ 37 1.9 87 87 42 36/ 35 33 85 85 35 34/ 4.4 80 80 88 60 31 30/ 29 3.2 3.1 64 64 80 63 28/ 27 4 5 82 78 61 3.7 77 48 48 75 26/ 25 2.. 3.8 23 49 49 54 56 21 32 57 22/ 3.2 19 36 36 18/ 17 3.0 28 28 39 21 2.2 21 16/ 14/ 13 40 8 35 10/ 9 . 5 35 8/ 5 6/ õ 2/ 0/ -1-2/-3

No. Obs.

≤ 0 F

± 32 F

Mean No. of Hours with Temperature

≥ 80 F

≥ 93 F

≥ 73 F

≥ 67 F

Total

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<u>-6/ -7</u>

Element (X)

Rel. Hum.

Dry Bulb Wet Bulb Σχ'

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GLOBAL CLIMATOLOGY BRANCH **€ PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC RICKENRACKER AFB UH DEC PAGE 2 0900-1100 WET BULB TEMPERATURE DEPRESSION (F) 0 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | > 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin -8/ -9 TUTAL 930 930 6.9 930 0 930 0 \mathbf{C} ತ 0.26 Element (X) No. Obs. Mean No. of Hours with Temperature 74.011.101 32.110.350 29.6 9.797 24.611.198 930 5208189 68827 267 F 273 F 280 F 293 F Rel. Hum. ± 32 F 29894 930 47.8 Dry Bulb 1000430 904999 58.8 Wet Bulb 27545

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GLOBAL CLIMATULUGY BRANCH PSYCHROMETRIC SUMMARY USAFFTAC AIR WEATHER SERVICE/MAC 67-70,73-78 RICKENBACKER AFB UH STATION NAME 1200-1400 PAGE 1 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 1. 2 3. 4 5. 6 7. 8 9. 10 11. 12 13. 14 15. 16 17. 18 19. 20 21. 22 23. 24 25. 26 27. 28 29. 30 23 D.B./W.B. Dry Bulb Wei Bulb Dew Poin 70/ 69 .1 68/ 67 66/ 65 64/ 63 62/ 61 57 58/ <u>55</u> 56/ 15 13 21 52/ 29 16 50/ 29 10 46/ 45 1.1 39 39 10 44/ 43 65 22 42/ 41 68 25 40/ 39 68 72 32 38/ 37 82 79 32/ 31 79 29 30/ 4.8 27 25 81 3.1 26/ 22/ 18/ 13 10/ 8/ 6/ No. Obs. Element (X) Mean No. of Hours with Temperature Rel. Hum. ≥ 80 F Dry Bulb Wet Bull

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GLOBAL CLIMATOLOGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENRACKER AFB OH 07-70,73-78 DEC 1200-1400 HOURS (L. S. T.) PAGE 2 TOTAL TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Poin Temp. WET BULB TEMPERATURE DEPRESSION (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 $\frac{0}{-2}$ TUTAL 1.127.843.320.4 5.4 930 930 õ 0.26.5 4353125 62468 33530 67.213.006 930 Rel. Hum. 1 32 F 35 • 1 930 1309246 36.110.394 1062382 30098 32.4 9.750 930 48.6 Wet Bulb

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GLOBAL CLIMATULOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR MEATHER SERVICE/MAC 67-70,73-78 RICKENBACKER AFB DH 1500-1700 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Por 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 > 31 70/ 69 68/ 67 66/ 65 • 2 В 64/ 63 • 1 62/ 61 10 60/ 59 58/ 57 11 11 <u>55</u> 56/ 17 11 54/ 20 52/ 51 20 49 .6 • 1 50/ 47 28 28 48/ 41 46/ 45 41 27 46 46 44/ 43 62 41 1.4 42/ 49 49 40/ 39 80 80 38/ 37 2.9 2.8 81 36/ 35 2.6 2.0 3.5 80 75 63 34/ 33 1.6 5.2 1.4 82 82 32/ 31 3.3 2.6 1.8 4.3 30/ 29 71 67 1.5 28/ 27 1.0 39 39 64 26/ 25 1.1 3.0 53 23 21 2.3 32 32 22/ 31 63 1.2 2.0 19 10 37 20/ 18/ 16/ 10 35 13 14/ 34 12/ 11 26 10/ 8/ 6/ 5 Meon No. of Hours with Temperature Element (X) 10F 267 F 273 F 280 F 293 F Ret. Hum. ≤ 32 F Dry Bulb Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 13812 RICKENBACKER AFB UH DEC 67-70,73-78 1500-1700 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOT. 1 . 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Poin (F) 2/ -2/ -3 -4/ -5 930 TUTAL 930 .827.540.522.0 6.5 1.2 930 930 O 0.26.5 £. X 4 66.613.559 36.510.526 No. Obs. Mean No. of Hours with Temperature Element (X) 61916 930 4292944 Rel. Hum. 267 F 273 F 280 F 293 F 1 32 F 930 1338573 33899 34.4 Dry Bulb 930 30350 32.6 9.837 93 1080346 48.6 Wet Bulb 24107

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GLOBAL CLIMATULUGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC RICKENBACKER AFB UH DEC 07-70,73-78 YEARS STATION NAME MONTH 1800-2000 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 66/ 65 64/ 63 . 2 62/ 61 5 9 60/ 59 58/ 57 • 1 56/ 55 54/ 53 19 17 50/ 49 17 47 48/ 45 43 38 41 42/ 1.7 57 57 40/ 39 56 38/ 37 56 36/ 35 5.4 93 93 60 31 95 93 33 34/ 4.4 69 69 104 62 31 3.7 32/ 3.4 87 79 29 4.8 87 72 28/ 3.1 64 27 3.7 65 65 26/ 4.3 61 21 21 22/ 21 2.8 2.0 53 20/ 19 2.3 33 39 1.0 10 38 10 18/ 17 36 16/ 13 10 14/ •9 • 1 40 10/ 8/ 61 4/ 10 2/ 0/ Element (X) Mean No. of Hours with Temperature Rel. Hum. ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F Dry Bulb Wet Bulb

GLOBAL CLIMATULUGY BRANCH USAFETAC (%) (€) PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC RICKENPACKER AFB 11H 67-70,73-78 DEC 1800-2000 HOURS (L. S. T.) O WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point lemp. -2/ -3 -4/ -5 -6/ -7 TOTAL 1.846.643.8 5.9 1.4 928 928 928 928 C ತ 72.5 11.124 33.3 10.330 No. Obs. Mean No. of Hours with Temperature Element (X) 928 4990331 1130206 67265 30936 ± 32 F 43•7 Rel. Hum. 928 Dry Bulb 958071 28385 30.6 9.845 928 56.3 Wet Bulb

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GLOBAL CLIMATOLUGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENRACKER AFE UH 67-70,73-78 DEC € PAGE 1 2100-2300 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (D.B./W.B. Dry Bulb Wet Bulb Dew Poin (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 66/ 65 64/ 63 62/ 61 60/ 59 58/ 57 56/ 55 54/ 53 52/ 51 13 50/ 49 15 48/ 47 15 46/ 45 20 15 44/ 43 36 36 35 27 36 36 42/ 41 1.9 1.4 40/ 39 40 40 47 39 38/ 37 1.8 49 • 1 78 36 36/ 35 34/ 33 85 112 112 32/ 31 3.7 69 93 30/ 29 28/ 27 4.5 79 3.5 80 80 3.6 80 88 2.4 26/ 25 2.7 47 34 22/ 21 20/ 19 3.7 38 18/ 17 2.6 24 24 16/ 14/ 13 11 11 14 10 10/ 9 . 8 ತ 11 8/ В 6/ 5 4/ 2/ 1 10 Zx? No. Obs. Element (X) Mean No. of Hours with Temperature Rel. Hum. ≤ 32 F Dry Bulb Wet Bulb

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GLUBAL CLIMATULUGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC RICKENBACKER AFB UH 67-70,73-78 2100-2300 HOURS (L. S. T.) Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 | 3 - 4 | 5 - 6 | 7 | 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 -2/ -3 -4/ -5 -6/ -7 -8/-9TUTAL 3.256.035.3 4.4 927 927 927 õ No. Obs. 5261310 74.610.456 31.710.684 29.310.178 Element (X) Mean No. of Hours with Temperature 69162 10F ≤ 32 F 29355 927 1035267 890915 48.3 Dry Bulb 27147 60.9 73.1

€ GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC DEC RICKENDACKER AFB UH £7-70,73-78 PAGE 1 ΔLL WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 21 D.B./W.B. Dry Bulb Wet Bulb Dew Point 70/ 69 .0 . 0 68/ 67 66/ 65 19 13 13 64/ 63 • 0 • 0 28 28 .0 62/ 61 . 1 41 41 60/ 59 57 58/ .0 53 56/ 55 54/ 53 34 53 .0 107 107 34 . 4 .6 .0 109 109 . ol 52/ 51 • 0 . 6 163 65 163 50/ 49 89 160 47 160 132 222 222 120 46/ 45 1.0 257 257 193 113 . 3 44/ 43 . 0 329 329 229 154 42/ 41 1.6 170 360 360 287 40/ 39 38/ 37 2.7 2.0 437 438 217 1.0 •0 613 282 615 427 36/ 35 . 8 3.0 699 699 624 316 34/ 33 671 671 672 455 3.7 30/ 29 . 2 3.9 .6 625 625 521 27 606 3.4 398 628 25/ 25 2.7 2.5 441 293 293 432 1.3 21 3.4 346 346 406 22/ 1.3 248 20/ 172 172 283 18/ 17 2.2 • 0 16/ 15 1.7 134 134 168 484 339 13 1.4 113 113 ğ 12/ 37 1.0 46 83 10/ • 5 60 219 8/ 60 .2 .1 5 21 21 10 E 67 23 Element (X) Mean ha, of Hours with Temperature ≥ 93 F Total Rel. Hum. * 80 F Dry Bulb Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 67-70,72-78 RICKENBACKER AFB UH PAGE 2 ALL HOURS (L. S. T.) Temp (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL € 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 | 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Post 2/ 22 0/ -1 29 -2/ -3 39 17 -4/ -5 -6/ -7 -8/ -9 2.750.334.9 9.1 2.1 .5 0.26.5 (OL Z_X 541404 Element (X) No. Obs. Mean No. of Hours with Temperature 7431 40300564 32.510.771 29.810.105 7434 .2 377.1 Dry Bulb 8737672 241962 7376615 5450619 7431 4 469.0 221761 Wet Bulb 744 182109 10.7 577.0

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PSYCHROMETRIC SUMMARY

13812 RICKENPACKER AFB UH (7-70,73-79

STATION NAME

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HOURS (L. S. T.)

| Tem | np. | | | | | | WET | BULB 7 | EMPER | ATURE | DEPRE | SSION (| =) | | | | | | TOTAL | | TOTAL | |
|--------|--------|-----------------|---------------------------------------|-------|--|-------|-------------|--|--------------|--|--|---------|---------|--------------|--|--|--|--|--|----------------|----------------|-------------|
| (F |) | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 |) + 31 | D.8./W.8. | Dry Bulb | Wet Bulb | Dew Poin |
| 100/ | 99 | | | | | | | | | | | • 0 | | | | | | Ī | 1 | 1 | | |
| 98/ | 97 | | | | | | | 1 | | .0 | .0 | •0 | • 0 | _ | ì | L | l | | 4 | 4 | | |
| 96/ | 95 | | | - | | | | | | •0 | | •0 | • 0 | | | | | | 18 | 18 | | |
| 94/ | 93 | | |] ! | ! | | | • c | .0 | .0 |) : | .0 | • 0 | | •0 | 1 | | 1 | 77 | 77 | 1 | 1 |
| 92/ | 91 | | | 1 | | | •0 | •0 | | .0 | | •0 | • 0 | •0 | •0 | | | 1 | 185 | 185 | | |
| 90/ | 89 | | | | | | •0 | .1 | .1 | .1 | . 1 | •0 | • 0 | .0 | • 0 | 1 | | ļ | 393 | 393 | ļ | |
| 88/ | 87 | | | | | •0 | •1 | •1 | . 2 | .1 | .1 | •1 | •0 | •0 | •0 | | | 1 | 621 | 621 | 1 | |
| 86/ | | | | | | . 1 | • 2 | . 2. | . 2 | ١ | .1 | . 1 | • 0 | .0 | i | i . | | | 956 | 956 | 1 | |
| 84/ | | | | .0 | •0 | •1 | •3 | .3 | <u> </u> | .2 | .1 | 1 | • 0 | .0 | + | | | 1 | 1305 | 1305 | | |
| 82/ | 81 | | | .0 | , | . 2 | .3 | .3 | .3 | | | . 1 | • 0 | .0 |) | 1 | | | 1627 | 1622 | 14 | |
| 80/ | 79 | .0 | •0 | * | . 2 | .3 | • 3 | .3 | .4 | | .1 | •0 | •0 | .0 | ** | | | 1 | 1860 | 1860 | 84 | 1 |
| 78/ | 77 | .0 | | | . 4 | .4 | • 4 | .3 | .3 | | | .0 | • 0 | | 1 | į | | 1 | 2078 | 2079 | 441 | 36 |
| 76/ | 75 | .0 | | | | | • 3 | . 4 | .3 | | •1 | •0 | • 0 | | 1 | | i | 1 | 2459 | 2464 | 848 | 172 |
| 74/ | 73. | .0 | . 3 | | | | .4 | .3 | . 2 | | .1 | •0 | • 0 | .0 | | | - | | 2841 | 2843 | 1683 | 532 |
| 72/ | 71 | •0 | | 1.0 | | | • 3 | .3 | . 2 | | .1 | •0 | • 0 | | 1 | | | - | 3209 | 3211 | 2496 | 1208 |
| 70/ | | .0 | .7 | | 1 | 1 | .4 | | . 2 | | .1 | .0 | • 0 | | | 1 | İ | 1 | 3717 | 3718 | 3300 | 2175 |
| 68/ | | •0 | | | | | | | .1 | | •0 | •0 | • 0 | | 1 | | | | 3430 | 3431 | 380 | 2833 |
| 66/ | | .0 | 1 . | 1 | | | : | 1 | . 1 | 1 - | .0 | | • 0 | | 1 | j | | 1 | 3333 | 3335 | 3926 | 3193 |
| 64/ | | •0 | · · · · · · · · · · · · · · · · · · · | | | | | | • 1 | | | | | | - | | <u> </u> | - | 3203 | 3204 | 4094 | 325 |
| 62/ | | .0 | . ا | | | | .3 | | . 1 | .1 | .0 | | | | | 1 | | 1 | 3025 | 3030 | 3714 | 3368 |
| 60/ | | .0 | | | | | | | | · • · · · · · · · · · · · · · · · · · · | | | | | 1 | } | | | 3056 | 3059 | 3728 | 330 |
| 58/ | | .0 | • | | 1 | | .3 | | | | ł | ł . | | | | | | | 2725 | 2727 | | |
| 56/ | | .0 | | | | | | | | | | | | | | · | | | 2633 | 2634 | | |
| 54/ | | · | | | | | .3 | | .0 | | 1 | l | | | | 1 | | Ì | 2664 | 2667 | | 1 - |
| 52/ | 51 | •0 | | | | | | | •0 | | | | | | † | | | | 2579 | 2586 | 2850 | 298 |
| 50/ | | .0 | | | | .4 | • 2. | | .0 | | | | | | i | ! | Ì | 1 | 2545 | 2549 | 2863 | 3000 |
| 48/ | | - 5 | | | | • 3 | | •1 | .0 | .0 | | | | _ | · | | | | 2403 | | | |
| 46/ | | .0 | | | | | | .0 | | | 1 | 1 | | | Ì | | | - | 2523 | 2530 | | |
| 44/ | | .0 | · | | | | | 4 | | | | | | | | | | | 2351 | 2355 | | 261 |
| 42/ | | | | 1 - | 1 - | | | .0 | 1 . | 1 | 1 | | | | 1 |) | ĺ | Ì | 2267 | | 1 | - |
| 40/ | | • 1 | -5 | | | .3 | | <u> </u> | | + | | | | | | † | | 1 | 2514 | | | |
| 38/ | - | i | 1. | .) | | 1 | .0 | 1 | 1 | 1 | } | | | 1 | | l I | 1 | 1 | 2571 | 2572 | | - |
| 36/ | | i | 1 | | .5 | • 1 | | | | | | | | | 1 | | | - | 2875 | | 273 | |
| | 33 | 1 | 1 | | | | 1 _ | 1 | 1 | | | [| | | 1 | 1 | | | 2891 | | | 208 |
| | nt (X) | •• | Z x 2 | | | ZX | | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 0, | | No. 01 | 1 | | | <u> </u> | Megn | No. of | Hours wi | th Tempera | | <u> </u> | |
| Rel. H | | | | | | ^_ | | | † - | ` | | | ± 0 | F | 1 32 F | ≥ 6 | | ≥ 73 F | → 80 F | 2 93 | F | Total |
| Dry B | | | | | | | | | | | | | | ` | - 74 1 | + | | | + | - | `- | |
| Wet B | | - | | | - | | | | | | | | | | | | | | | | | |
| Dew F | | | | | | | | | | - | | | | \dashv | | + | | | - | | | |
| 2007 | 31131 | <u> </u> | | | | | | | Ļ | | | نـــــن | | | | | | | | | | |

SAFETAC FOLL 0.26

€ GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFFTAC AIR WEATHER SERVICE/MAC 13812 RICKENRACKER AFB UH 17-70,73-79 C ALL PAGE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp (F) D.B./W.B. Dry Bulb Wet Bulb Dew Poin €. 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 2673 2673 3164 2962 2312 2312 2973 2980 .1 1.3 1.3 32/ 31 • 0 30/ 1914 1914 2557 2766 1629 1632 2440 2902 . 8 28/ 27 •0 •0 26/ 1253 1255 1832 2253 • 0 •0 • 0 1209 1210 1450 2367 1210 1210 1280 2356 20/ •0 18/ 884 15 711 711 1660 • 1 16/ .0 729 1290 636 638 14/ 1157 494 494 12/ 648 359 361 539 1114 351 361 394 912 E 231 231 608 314 6/ 204 241 556 204 177 177 191 556 0/ .0 136 136 152 378 65 323 .0 65 96 200 53 49 . 0 195 31 31 39 .0 .0 O 120 -8/ -9 22 22 27 20 127 -10/-11 ٠0 -12/-13 .0 -14/-15 -16/-17 ō 33 31 -20/-21 .0 -22/-23 -24/-25 -26/-27 -28/-29 -30/-31 TUTAL 1.828.527.314.6 8.5 6.3 4.8 3.5 2.4 1.3 B7620 87543 87543 Element (X) Mean No. of Hours with Temperature 440900118 6053668 69.215.955 87543 Rel. Hum. ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F 8760 271385151 4553709 52.019.907 87620 34.41659.12479.31442.9 616.7 Dry Bulb 40.02125.81267.8 307.1 218663398 4093066 46.817.657 87543 8760 3.6 Wet Bulb 3623630 41.419.049 160.12988.5 695.8 8760 181758488

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MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13812 RICKENRACKER AFB UH 67-70,73-79

STATION STATION NAME

| HRS ILST | i | JAN | FEB | MAR | APR | MAY . | NUL | JUI | AUG ' | SEP | OCT | NOV | DEC | ANNUAL |
|----------|---------|--------|--|---------|--------|--------|-------|-------|-------|-------|--------|--------|--------|--------|
| | EAN | 24.1 | 26.8 | 38.5 | 47.8 | 56.2 | 64.9 | 68,2 | 66.7 | 59.9 | 48.7 | 40.4 | 31.0 | 47.9 |
| 00-02 s | D . | 13.689 | 12.217 | 11.5041 | 10.174 | 8.484 | 6,118 | 5.250 | 5.61d | 8.066 | 9.247 | 11.131 | 10.503 | 17.855 |
| | AL OBS | 930 | | 930 | 899 | 930 | 900 | 930 | 929 | 900 | 930 | 900 | 929 | 10952 |
| | | | • | | | | | | 1 | | | | | |
| ~ | AEAN . | 23.4 | 25.5 | 36.8 | 45.5 | 53.9 | 62.6 | 65.9 | 64.6 | 57.8 | 47.1 | 39.4 | 30.2 | 46.1 |
| 03-05 | 5 D 🖟 | 14.062 | 12.405 | 11.857 | 10.379 | 8.689 | 6.533 | 5.661 | 6.094 | 8.366 | 9.397 | 11.174 | 10.576 | 17.561 |
| | AL OBS | 930 | | | 900 | 930 | | | 930 | 900 | 930 | 900 | 930 | 10956 |
| | | | | | | | i | | | | | | | |
| | AEAN . | 22.7 | 24.7 | 36.2 | 45.9 | 55.6 | 65.0 | 67.8 | 65.5 | 58.1 | 46.8 | 38.8 | 29.6 | 46. |
| 06-08 | S D | 14.274 | 12.627 | 12.096 | 10.478 | 3.986 | 6.806 | 5.832 | 6.240 | 8.509 | 9.535 | 11.082 | 10.671 | 18.426 |
| | AL OBS | 930 | | 930 | 900 | 930 | 899 | | 930 | 900 | 928 | 900 | 930 | 10953 |
| | - | | | 1 | i | | | | | | | 1 | | |
| | MEAN | 24.8 | 28.4 | | 53.6 | | 73.4 | | 74.2 | | | 43.0 | | |
| 09-11 : | S D | 13.709 | 17.366 | 12.796 | 10.924 | 9.586 | 7.222 | 5.798 | 5.723 | 8.147 | 9.327 | 10.964 | 10.350 | 20.402 |
| 101 | AL OBS | 930 | | | 898 | 930 | 90d | | 930 | | | | | 1095 |
| | | | | | | ! | | | | i | | | | |
| | AEAN | 28.7 | 33.5 | 47.4 | 59.1 | 68.7 | 77.9 | 81.4 | 79.8 | | | 47.6 | | |
| 12-14 | S D . | 13.147 | 12.179 | 13.872 | 11.592 | 10.260 | 7.607 | 5.951 | 5.929 | 8.392 | 10.307 | 11.426 | 10.394 | 20.867 |
| | AL OBS | 930 | 846 | 930 | 900 | 930 | 900 | | | | | | 930 | 10956 |
| | | | ······································ | | | | | | | | | | | |
| | AEAN | 29.8 | 35.3 | 49.0 | 60.9 | 69.9 | | | | | | 48.1 | | 59.0 |
| 15-17 | | 12.716 | 12.072 | 13.930 | 11.559 | 9.943 | 7.650 | 6.058 | 5.786 | 8.424 | 10.482 | 11.524 | 10.526 | 20.76 |
| 101 | AL OBS | 930 | | | 900 | | | | | 900 | | 300; | 930 | 1095 |
| | | | | | | ; | | | | | | | | |
| | AEAN I | 27.1 | 31.8 | 45.2 | 57.1 | 66.4 | 75.0 | 78.3 | | | 55.8 | | | |
| 18-20 | SD . | 12.537 | 11.294 | 12.623 | 10.723 | 9.307 | 7.173 | 5.719 | 5.602 | 8.026 | 9.177 | 10.760 | 10.330 | 20.06 |
| 101 | TAL OBS | 929 | 844 | 930 | 900 | 929 | 900 | 930 | 930 | 899 | 930 | 900 | 928 | 1094 |
| | | | | 1 | | | | | | | | | | |
| | MEAN | 25.2 | | | | 60.0 | | | | | | 41.3 | | |
| 21-23 | S D | 13.111 | 11.684 | 11.607 | 9.882 | 8.520 | 6.185 | 4.980 | 5.190 | 7.731 | 8.964 | 10.913 | 10.684 | 18.41 |
| | TAL OBS | | | | | | | | | | | 900 | 927 | 1094 |
| <u> </u> | ì | | | 1 | | | | | | | | | | |
| , | MEAN | 25.7 | 29.4 | 42.0 | 52.6 | 61.8 | 79.8 | | 72.1 | | | | | |
| AIL | S D | 13.624 | 12.628 | 13.348 | 12.101 | 10.946 | 9.108 | | | | | 11.600 | 10.771 | 19.90 |
| I HOURS | TAL OBS | | 6761 | | | | | | 7438 | | | 7200 | | 8762 |

USAFETAC FORM 0 89 5 (OLA)

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY DBSFRVATIONS

13812 RICKENBACKER AFB ON

67-70,73-79

| | | ••• | u - | | | | •••• | | | | | | |
|-----------|---------|--------|------------|-------|-------|-------|----------|-------|-------|-------|--------|--------|--------|
| STATION | - | STATE | ON NAME | | | | | | YEARS | | | | |
| HRS (LST) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OC1 | NOV | DEC | ANNUAL |
| MEAN | 22.1 | 24.5 | 35.1 | 43.4 | 51.9 | 60.8 | 64.3 | 63.6 | 57.0 | 45.5 | 37.4 | 28.7 | 44. |
| 00-02 5 0 | | | 10.582 | 9.280 | | | 5.512 | 5.846 | 8.054 | 9.139 | | | 17.19 |
| TOTAL OF | | | 930 | | 930 | | | | | 924 | | | 109 |
| | | | | | | | | | | | | | |
| MEAN | 21.5 | 23.5 | 33.9 | 41.8 | 50.4 | 59.4 | 62.9 | 62.1 | 55.4 | 44.4 | 36.7 | 28.0 | 43 |
| 03-05 5 0 | 13.438 | | | | | | | | | | | | 17.0 |
| TOTALO | 1 | | 930 | 900 | 930 | • | | | | - | | 930 | 109 |
| | 730 | | | | 130 | 700 | /30 | 767 | 700 | 76.4 | | | A Q 7 |
| MEAN | 20 0 | 22.8 | 22.5 | 42.2 | 51.8 | ٠٥. ٥ | 64.1 | 62.8 | 55 7 | 44 1 | 26.3 | 27.5 | 43 |
| 06-08 s o | | | | | | | | | | | | 10.164 | |
| | 1 - | | | | - 1 | | : | | | - | | | 1 |
| 10TAL O | s 930 | 844 | 930 | 900 | 930 | 899 | 9.30 | 930 | 900 | 921 | 900 | 927 | 109 |
| | | | | | | | | | | | | | |
| MEAN | | 25.7 | | 46.8 | | | 68.1 | | | | | 29.6 | 47 |
| 09-11 5 D | | | | | | - | | | | - | | 9.797 | |
| TOTAL O | 928 | 845 | 930 | 898 | 930 | 900 | 930 | 929 | 900 | 920 | 900 | 930 | 109 |
| | | | | | | | <u> </u> | | | | | | |
| MEAN | | 29.3 | | 49.5 | | | 69.2 | | | | | 32.4 | |
| 12-14 50 | 12.183 | 10.549 | 11.378 | 9.376 | 8.249 | 6.137 | 5.213 | 5.472 | 7.455 | 8.970 | 10.375 | 9.750 | 17.5 |
| TOTAL O | ss 928 | 846 | 9,30 | 900 | 930 | 900 | 930 | 930 | 900 | 923 | 900 | 930 | 109 |
| | | | | | | | | i | 1 | | 1 | | |
| MEAN | 26.5 | 30.5 | 41.4 | 50.2 | 58.4 | 66.4 | 69.2 | 69.1 | 63.0 | 52.3 | | | 50 |
| 15-17 SD | 11.729 | 10.228 | 11.133 | 9.088 | 7.885 | 5.808 | 4.970 | 5.347 | 7.435 | 8.899 | 10.446 | 9.837 | 17.2 |
| TOTAL O | | | | | | | | | | | | | 109 |
| | | · | | | | | <u> </u> | | | | | | |
| MEAN | 24.5 | 28.4 | 39.4 | 48.6 | 57.1 | 65.2 | 68.3 | 67.8 | 61.2 | 49.5 | 39.6 | 30.6 | 48 |
| 18-20 S D | 11.897 | 10.218 | 10.851 | 8.991 | 7.891 | 5.668 | 4.975 | 5.270 | 7.585 | 8.786 | | | 17.4 |
| TOTAL O | | | | | | | | | | | | | 109 |
| | | , , , | | | | | <u> </u> | | | | | | |
| MEAN | 23.0 | 26.2 | 36.9 | 45.8 | 54.4 | 62.8 | 66.1 | 45.3 | 58.6 | 47.0 | 38.0 | 29.3 | 46 |
| 21-23 50 | | | | | | | 5.195 | | | | | | 17.3 |
| TOTAL O | | | | | | | | | | | | | 109 |
| 10.75 | 740 | 076 | 730 | 0 7 0 | 730 | 700 | 730 | 730 | 577 | 724 | 700 | 761 | 107 |
| | 22 2 | 26.4 | 27 2 | 44.0 | 54 0 | (3 (| 46 E | 48.0 | 50 A | 69 1 | 20.0 | 20.0 | 46 |
| ALL MEAN | 23.3 | | | | | | 66.5 | | 59.4 | | | 29.8 | |
| HOURS S D | | | | | | | | | | | | 10.105 | |
| TOTAL O | os 7432 | 6754 | 7439 | /195 | 1439 | 7199 | 7439 | 7436 | 7197 | 7382 | 7200 | 1431 | 875 |

USAFETAC JUL 64 0 89 5 (OLA)

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13812 RICKENRACKER AFB UH 67-70,73-79

STATION NAME

| RS IL STI | 1 | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV . | DEC | ANNUAL |
|-----------|-----------|--------|---------|---------|--------|--------|-------|-------|-------|-------|--------|---------|-------|--------|
| | MEAN ' | 16.2 | 19.0 | 29.8 | 38.3 | 48.1 | 58.1 | | | | | | 24.0 | 40• |
| 00-02 | S D | 15.004 | 12.578 | 11.7301 | 0.304 | 9.720 | 6.829 | 6.425 | 6.556 | 8.699 | 10.312 | 11.8331 | 1.354 | 18.883 |
| | TOTAL OBS | 930 | 844 | 930 | 899 | 930 | 900 | 930 | 929 | 899 | 924 | 900 | 929 | 10944 |
| | | | | | | | | | | | | | Ĩ | |
| | MEAN | 15.7 | 18.2 | 29.1 | 37.4 | 47.1 | 57.1 | 60.9 | 60.5 | 53.6 | 41.2 | 32.7 | 23.2 | 39•9 |
| 03-05 | 5 D 1 | 15.449 | 12.7711 | 12.0841 | 0.523 | 9.882 | 7.019 | 6.536 | 6.807 | 8.666 | 10.249 | 11.9441 | 1.277 | 18.810 |
| | TOTAL OBS | 930 | 843 | 930 | 900 | 930 | 900 | 930 | 929 | 900 | 924 | 900 | 930 | 10946 |
| | | | | | | | | | | | | | | |
| | MEAN | 15.3 | 17.5 | 29.0 | 37.8 | 48.3 | 58.2 | 61.9 | 61.1 | 54.0 | 41.1 | 32.5 | 22.9 | 40• |
| 06-08 | 50 | 15.692 | 12.968 | 12.1561 | 10.623 | 9.869 | 6.959 | 6.356 | 6.710 | 8.676 | 10.209 | 12.044 | 1.429 | 19.27 |
| | TOTAL OBS | 930 | 844 | 930 | 900 | 930 | 899 | 930 | 930 | 900 | 921 | 900 | 927 | 1094 |
| | | | 1 | | | | | | | | | | | |
| | MEAN | 16.4 | 19.3 | 31.0 | 39.6 | 49.9 | 60.0 | 63.5 | 63.8 | 56.9 | 44.0 | 34.4 | 24.6 | 42. |
| 09-11 | s o | 15.136 | 12.647 | 12.588] | 11.155 | 10.422 | 7.449 | 6.603 | 6.736 | 8.702 | 10.360 | 12.009 | 1.198 | 19.530 |
| | TOTAL OBS | 928 | 845 | 930 | 898 | 930 | 900 | 930 | 929 | 900 | 920 | 900 | 930 | 1094 |
| | | | • | | | | | | | | | | | |
| | MEAN | 18.1 | 21.1 | 31.8 | 40.0 | 49.9 | 59.7 | 62.8 | 63.4 | 56.2 | 43.9 | 34.9 | 25.8 | 42. |
| 12-14 | s o , | 14.388 | 312.254 | | | | | 7.227 | 7.362 | 9.594 | 11.311 | 12.4711 | 1.611 | 19.02 |
| | TOTAL OBS | 928 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 923 | 900 | 930 | 1094 |
| | | | | | | | | | | | !! | | | |
| | MEAN | 18.8 | 3 21.7 | 31.9 | 40.1 | 49.7 | 59.3 | 62.4 | 63.0 | 55.6 | 43.5 | 34.6. | 25.9 | 42. |
| 15-17 | 50 | 14.000 | 112.007 | 12.8841 | 11.646 | 10.581 | 7.864 | 7.178 | 7.369 | 9.936 | 11.321 | 12.6821 | 1.826 | 18.73 |
| | TOTAL OBS | 930 | 846 | 929 | 900 | 930 | 900 | 730 | 929 | 900 | 924 | 900 | 930 | 1094 |
| | , | | | | | | | | | | | | | |
| | MEAN | 17.8 | 21.2 | 31.6 | 39.9 | 49.8 | 59.4 | 62.7 | 63.2 | 56.2 | 43.3 | 33.9 | 25.2 | 42. |
| 18-20 | S D | 14.234 | 11.914 | 12.5511 | 11.342 | 10.320 | 7.507 | 7.033 | 6.931 | 9.367 | 10.885 | 12.1491 | 1.531 | 18.91 |
| | TOTAL OBS | 92! | 844 | 930 | 900 | 929 | 900 | 929 | 930 | 899 | 922 | 900 | 928 | 1093 |
| | | | 1 | | | | | | | | . 1 | | | |
| | MEAN | 16. | 20.2 | 30.9 | 39.6 | 49.6 | 59•1 | 62.9 | 62.7 | 55.7 | 42.7 | 33.3 | 24.3 | 41. |
| 21-23 | S D | 14.59 | 12.279 | 11.876 | 10.714 | 9.768 | | | 6.404 | 8,743 | 10.483 | 11.841 | 1.674 | 19.00 |
| 1 | TOTAL OBS | 928 | 842 | 930 | 898 | 930 | 900 | 930 | 930 | 899 | 924 | 900 | 927 | 1093 |
| | | | | | | | | | | | 1 | | | |
| | MEAN | 16.9 | | | 39.1 | | | | | 55.4 | | 33.7 | | 41. |
| ALL | S D | 14.860 | 12.507 | 12.407 | 11.046 | 10.189 | | | 6.951 | 9.121 | 10.702 | 17.148 | 1.530 | 19.04 |
| HOURS | TOTAL OBS | 743 | | | | 7439 | | | | | | | 7431 | 8754 |

USAFETAC FORM 0 89 5 (OLA)

C

RELATIVE HUMIDITY

13812 RICKENRACKER AFB UH

68-70,73-79

JAN MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS | | | PERCENTAG | E FREQUENCY | OF RELATIVE | HUMIDITY G | REATER THAN | | | MEAN RELATIVE | TOTAL |
|-----------|-------|-------|-------|--|-------------|-------------|------------|-------------|------|-----|------------------|--------------|
| MONIH | (LST) | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | HUMIDITY | NO OF OBS |
| JAN | 00-02 | 100.0 | 100.0 | 100.0 | 99.7 | 96.0 | 81.2 | 55.1 | 25.5 | 5.9 | 71.9 | 930 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.5 | 95.9 | 83.4 | 58.8 | 28.0 | 6.5 | 72.7 | 930 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.5 | 96.0 | 86.6 | 62.3 | 29.7 | 7.1 | 73.5 | 930 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.2 | 94.9 | 78.3 | 51.2 | 23.4 | 4.5 | 70.7 | 928 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 97.3 | 84.9 | 62.2 | 36.3 | 16.2 | 3.2 | 65.3 | 928 |
| | 15-17 | 100.0 | 100.0 | 99.5 | 96.3 | 83.0 | 57.7 | 35.1 | 15.1 | 2.5 | 64.6 | 930 |
| | 18-20 | 100.0 | 100.0 | 99,9 | 99.2 | 91.2 | 71.6 | 43.3 | 19.6 | 3.4 | 68.4 | 928 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.8 | 94.7 | 76.4 | 50.9 | 22.5 | 4.2 | 70.2 | 928 |
| ~~ | | - | - | | | | | | | | | |
| | | | | | | | | | | | | |
| | TALS | 100.0 | 100.0 | 99.9 | 98.8 | 92.1 | 74.7 | 49.1 | 22.5 | 4.7 | 69.7 | 7432 |

USAFETAC 0-87-5 (OL A)

RELATIVE MUMIDITY

13812

RICKENPACKER AFB UH

68-70,73-79

FEB

STATION

STATION NAMI

PERIOD

HINOM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| | HOURS | | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | MEAN RELATIVE | TOTAL NO OF |
|-------|--------|-------|--|--------------|-------|------|------|------|------|-----|------------------|----------------|
| MONTH | (LST) | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | HUMIDITY | OBS |
| FEB | 00-02 | 100.0 | 100.0 | 100.0 | 99.9 | 98.0 | 84,0 | 58.1 | 24.3 | 6.8 | 72.8 | 844 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 87.9 | 64.9 | 28.5 | 7.6 | 74.2 | 843 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.9 | 98.8 | 89.5 | 64.9 | 28.4 | 8.4 | 74.5 | 844 |
| | 09-11 | 100.0 | 100.0 | 99.8 | 98.3 | 92.2 | 74.4 | 47.0 | 20.4 | 6.9 | 69.6 | 845 |
| | 12-14 | 100.0 | 99.2 | 98.0 | 91.8 | 74.3 | 54.8 | 32.2 | 12.6 | 4.7 | 62.3 | 846 |
| | 15-17 | 100.0 | 99.5 | 96.8 | 86.6 | 68.4 | 50.1 | 25.8 | 13.4 | 4.3 | 60+1 | 846 |
| · | 18-20. | 100.0 | 99.8 | 99.5 | 97.3 | 87.3 | 62.7 | 36.8 | 16.5 | 4.6 | 66.0 | 844 |
| | 21-23 | 100.0 | 100.0 | 99.9 | 99.5 | 97.0 | 80.0 | 49.4 | 19.6 | 6.9 | 70.7 | 842 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TC | DTALS | 100.0 | 99.8 | 99.3 | 96.7 | 89.5 | 72.9 | 47.4 | 20.5 | 6.3 | 68.8 | 6754 |

USAFETAC ANIM 0-87-5 (OL A)

RELATIVE HUMIDITY

13812 STATION

RICKENBACKER AFB OH

67-70,73-78

MAR

HTHOM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| | HOURS | | | PERCENTA | GE FREQUENCY | OF RELATIVE | HUMIDITY G | REATER THAN | | | MEAN | TOTAL |
|-------|----------|-------|-------|----------|--------------|-------------|------------|-------------|------|-----|----------------------|---------------|
| нтиом | (L S T.) | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | RELATIVE HUMIDITY | NO OF OBS. |
| MAR | 00-02 | 100.0 | 100,0 | 99,9 | 98,9 | 95.8 | 83,5 | 52,7 | 25.7 | 6,0 | 71.9 | 930 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.9 | 97.3 | 87.8 | 62.5 | 33.2 | 8.1 | 74.5 | 930 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 98.0 | 90.9 | 68.6 | 36.2 | 8.2 | 75.6 | 930 |
| | 09-11 | 100.0 | 99.9 | 99.1 | 94.7 | 87.0 | 66.5 | 41.0 | 17.6 | 3.9 | 66.6 | 930 |
| | 12-14 | 100.0 | 99.5 | 94.1 | 84.2 | 62.6 | 39.6 | 21.8 | 10.8 | .9 | 57.2 | 930 |
| | 15-17 | 100.0 | 98.9 | 91.6 | 77.5 | 54.7 | 33.8 | 20.5 | 9.3 | 1.3 | 54.6 | 929 |
| | 18-20 | 100.0 | 99.7 | 97.7 | 89.4 | 73.4 | 49.4 | 28.6 | 13.3 | 3.9 | 61.2 | 930 |
| | 21-23 | 100.0 | 100.0 | 99,9 | 98.3 | 90.3 | 70.5 | 44.0 | 19.5 | 4.8 | 68.4 | 930 |
| | | | | | | | | | | | | |
| | | | | - | | | | | | | | |
| 10 | TALS | 100.0 | 99.B | 97.8 | 92.9 | 82.4 | 65.3 | 42.5 | 20.7 | 4.6 | 66.3 | 7439 |

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| | HOURS | | | PERCENTAG | E FREQUENC | Y OF RELATIVE | HUMIDITY G | REATER THAN | | | MEAN RELATIVE | TOTAL |
|-------|-------|-------|-------|-----------|------------|---------------|------------|-------------|------|-----|------------------|--------------|
| MONTH | (LST) | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | HUMIDITY | NO OF OBS |
| APR | 00-02 | 100.0 | 100.0 | 100.0 | 99.3 | 94.0 | 79.6 | 49,2 | 20.8 | 5.3 | 70.6 | 899 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.8 | 97.4 | 86.8 | 61.9 | 30.4 | 7.1 | 74.0 | 900 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.9 | 97.4 | 87.7 | 62.6 | 30.4 | 6.4 | 74.2 | 900 |
| | 09-11 | 100.0 | 100.0 | 98.9 | 91.1 | 72.0 | 46.9 | 29.0 | 13.8 | 1.4 | 61.0 | 898 |
| | 12-14 | 100.0 | 99.8 | 91.9 | 69.1 | 43.8 | 29.2 | 17.4 | 9.1 | 1.2 | 51.8 | 900 |
| | 15-17 | 100.0 | 99.6 | 84.8 | 61.1 | 39.9 | 27.4 | 17.7 | 6.7 | 1.8 | 49.5 | 900 |
| | 18-20 | 100.0 | 100.0 | 94.7 | 76.6 | 53.0 | 35.7 | 22.8 | 10.1 | 2.4 | 55.2 | 900 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 97.7 | 84.6 | 60.1 | 37.2 | 14.4 | 2.8 | 65.3 | 898 |
| | | | | | | | | | | | | |
| | | | - | | | | | | | | | |
| 10 | TALS | 100.0 | 99.9 | 96.3 | 86.8 | 72.8 | 56.7 | 37.2 | 17.0 | 3.6 | 62.7 | 7195 |

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| HINOM | HOURS | | | PERCENTA | GE FREQUENC | Y OF RELATIVE | HUMIDITY G | REATER THAN | | | MEAN | TOTAL |
|-------|-------|-------|--|----------|-------------|---------------|------------|-------------|------|------|----------|---------------|
| MONIH | (LST) | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | RELATIVE | NO OF OBS. |
| MΑΥ | 00-02 | 100.0 | 100.0 | 100.0 | 99,6 | 97.4 | 86,1 | 65.2 | 34.8 | 8.9 | 75.1 | 930 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.9 | 98.7 | 92.6 | 76.0 | 47.5 | 13.2 | 78.5 | 93(|
| | 00-08 | 100.0 | 100.0 | 100.0 | 100.0 | 97.6 | 90.2 | 70.5 | 43.1 | 10.5 | 77.0 | 930 |
| | 09-11 | 100.0 | 100.0 | 99.6 | 93.2 | 74.3 | 51.6 | 30.5 | 15.6 | 1.8 | 62.3 | 930 |
| | 12-14 | 100.0 | 100.0 | 93.2 | 75.8 | 49.4 | 29.9 | 17.7 | 7.3 | 1.4 | 53.3 | 930 |
| | 15-17 | 100.0 | 100.0 | 90.1 | 67.8 | 44.4 | 26.8 | 17.6 | 8.6 | 1.8 | 51.2 | 930 |
| | 18-20 | 100.0 | 100.0 | 96.3 | 82.7 | 60.9 | 41.1 | 24.2 | 12.3 | 2.3 | 57.5 | 929 |
| | 21-23 | 100.0 | 100.0 | 99.9 | 99.9 | 90.5 | 73.1 | 48.9 | 24.2 | 4.4 | 69.7 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TO | TALS | 100.0 | 100.0 | 97.4 | 89.7 | 76.7 | 61.4 | (| 24.2 | 5.5 | 65.6 | 7439 |

USAFETAC 0-87-5 (OL A)

RELATIVE HUMIDITY

13812 STATION RICKENBACKER AFB OH

67-70,73-78

JUN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| | HOURS | | | PERCENTA | GE FREQUENC | Y OF RELATIVE | E HUMIDITY G | REATER THAN | | | MEAN RELATIVE | TOTAL |
|-------|-------|-------|-------|----------|-------------|---------------|--------------|-------------|------|-----|------------------|---------------|
| MONTH | (LST) | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | HUMIDITY | NO OF OBS. |
| JUN | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99,9 | 96.4 | 82.1 | 45.4 | 5.6 | 78.6 | 900 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.2 | 91.2 | 66.1 | 9.9 | 82.4 | 900 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 96.6 | 80.2 | 47.6 | 6.2 | 78.9 | 899 |
| | 09-11 | 100.0 | 100.0 | 99.9 | 98.0 | 85.8 | 56.1 | 29.1 | 11.8 | 1.0 | 63.8 | 900 |
| | 12-14 | 100.0 | 100.0 | 98.0 | 85.6 | 56.7 | 31.1 | 16.3 | 7.1 | .6 | 55.1 | 900 |
| | 15-17 | 100.0 | 100.0 | 97.1 | 78.8 | 48.0 | 27.0 | 16.7 | 8.2 | .4 | 53.1 | 900 |
| | 18-20 | 100.0 | 100.0 | 98.8 | 91.4 | 68.9 | 44.1 | 26.7 | 14.4 | 2.0 | 60.1 | 900 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.3 | 96.7 | 85.4 | 58.3 | 28.1 | 2.7 | 72.6 | 900 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 10 | TALS | 100.0 | 100.0 | 99.2 | 94.1 | 82.0 | 67.0 | 50.1 | 28.6 | 3.6 | 68'+1 | 7199 |

USAFETAC 0-87-5 (OL A)

RELATIVE HUMIDITY

| 13012 | RICKENRACKER | AFB UH |
|-------|--------------|--------|
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57-70,73-78

JUL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| | HOURS | | | PERCENTA | GE FREQUENC | Y OF RELATIVE | HUMIDITY G | REATER THAN | | | MEAN RELATIVE | TOTAL NO OF |
|-------|-------|--------------|--|--------------|--|---------------|------------|-------------|------|------|---------------|----------------|
| MONTH | (LST) | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | HUMIDITY | OBS |
| IUL | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.2 | 86.0 | 56.5 | 9.7 | 80.6 | 930 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 94.5 | 71.3 | 15.8 | 84.0 | 930 |
| | 05-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 98.6 | 86.6 | 60.6 | 12.5 | 81.5 | 930 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 98.8 | 87.4 | 62.9 | 35.4 | 13.1 | 1.5 | 55.3 | 930 |
| | 17-14 | 100.0 | 100.0 | 99.1 | 86.8 | 56.1 | 29.7 | 13.5 | 4.9 | .8 | 54.6 | 930 |
| | 15-17 | 100.0 | 100.0 | 97.6 | 81.1 | 47.8 | 27.3 | 14.9 | 5,4 | .3 | 53.1 | 930 |
| | 18-20 | 100.0 | 100.0 | 99.4 | 91.6 | 70.5 | 47.1 | 28.3 | 10.9 | 1.4 | 60.4 | 929 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.8 | 97.3 | 87.6 | 66.3 | 37.4 | 4.4 | 74.7 | 930 |
| | | - | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | - | ļ | | | | |
| TO | TALS | 100.0 | 100.0 | 99.5 | 94.8 | 82.4 | 68.6 | 53.2 | 32.5 | 5.8 | 69.3 | 7439 |

USAFETAC FORM 0-87-5 (OL A)

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RELATIVE HUMIDITY

13812 RICKENPACKER AFB OH

STATION NAME

67-70,73-78

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| | HOURS | | | PERCENTA | GE FREQUENC | Y OF RELATIV | E HUMIDITY G | REATER THAN | 1 | | MEAN RELATIVE | TOTAL NO OF |
|-------|-------|-------|-------|----------|-------------|--------------|--------------|-------------|------|------|------------------|----------------|
| MONTH | (LST) | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | HUMIDITY | OAS |
| AUG | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 94.4 | 70.9 | 14.5 | 83.9 | 929 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 98•1 | 81.8 | 24.3 | 86.5 | 929 |
| | 05-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 96.8 | 77.3 | 21.3 | 85.7 | 930 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.9 | 95.6 | 77.9 | 51.5 | 23.5 | 2.9 | 70.7 | 929 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 94.6 | 69.6 | 37.2 | 18.6 | 7.2 | 1.4 | 58.4 | 930 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 90.7 | 59.7 | 31.9 | 16.6 | 5.8 | .9 | 56.2 | 929 |
| | 16-70 | 100.0 | 100.0 | 100.0 | 98.2 | 85.6 | 61.7 | 37.6 | 14.4 | 1.8 | 65.4 | 930 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 97.6 | 82.5 | 49.5 | 5.5 | 79.1 | 930 |
| | | | | | | | | | | | | |
| | | | ļ | - | - | | | | | | <u> </u> | |
| TO | TALS | 100.0 | 100.0 | 100.0 | 97.9 | 88.8 | 75.7 | 52.0 | 41.3 | 9.1 | 73.2 | 7436 |

USAFETAC

FORM

0-87-5 (OL A)

RELATIVE HUMIDITY

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13812 RICKENRACKER AFB DH

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67-70,73-78

SEP

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS | ! | | PERCENTA | GE FREQUENC | Y OF RELATIVE | HUMIDITY G | REATER THAN | | | MEAN | TOTAL NO OF |
|---------------|---------|-------|-------|----------|-------------|---------------|--------------|-------------|--------------|------|----------|----------------|
| MONIN | (L 5 T) | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | HUMIDITY | OAS |
| SEP | 00-02 | 100.0 | 100.0 | 100.0 | 100,0 | 99,9 | 98,8 | 91,5 | 66.7 | 17.3 | 83.4 | 899 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 99.4 | 96.4 | 77.1 | 26.1 | 85.9 | 900 |
| | 06-08 | 100.0 | 100,0 | 100.0 | 100.3 | 100.0 | 99.7 | 97.6 | 79.3 | 27.1 | B6-1 | 900 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 98.9 | 93.3 | 78.7 | 52.1 | 22.7 | 4.2 | 70.6 | 900 |
| | 12-14 | 100.0 | 100.0 | 98.8 | 88.7 | 62.1 | 36.3 | 18.4 | 7.6 | 8. | 56.8 | 900 |
| | 15-17 | 100.0 | 99.7 | 96.9 | 81.8 | 52.8 | 30.3 | 16.7 | 7.7 | 1.3 | 54.3 | 900 |
| | 18-20 | 100.0 | 100.0 | 99.7 | 96.9 | 85.5 | 65.3 | 40.4 | 17.5 | 2.1 | 66.4 | 899 |
| · | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 95.4 | 81.9 | 47.1 | 7.7 | 79.0 | 899 |
| ~ | | | | - | | | | | | | | |
| | | | | | | | | | | | | |
| 10 | 1 ALS | 100.0 | 100.0 | 99.4 | 95.8 | 86.6 | 75.5 | 61.9 | 40.7 | 10.9 | 72.8 | 7197 |

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

13812 RICKENBACKER AFB UH

67-70,73-78

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS | | | PERCENTA | GE FREQUENC | Y OF RELATIV | E HUMIDITY G | REATER THAN | | | Pt. | TOTAL |
|-------|-------|-------|-------|----------|-------------|--------------|--------------|-------------|------|-------|----------|--------------|
| MUNIA | (LST) | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | HUMIDITY | NO OF OBS |
| ncr | 00-02 | 100.0 | 100.0 | 100.0 | 99.9 | 99.2 | 93.5 | 74.2 | 42.0 | 12.3 | 77.9 | 924 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 96.6 | 81.9 | 51.7 | 16.0 | 80.3 | 924 |
| | 00-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 97.4 | 64.1 | 54.8 | 15.4 | 80.9 | 921 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 98.3 | 88.0 | 67.8 | 41.7 | 19.3 | 5.0 | 67.8 | 920 |
| | 12-14 | 100.0 | 100.0 | 97.9 | 82.2 | 51.2 | 30.4 | 18.5 | 8.3 | 2.3 | 54.7 | 923 |
| | 15-17 | 100.0 | 100.0 | 96.1 | 74.9 | 43.0 | 28.2 | 17.0 | 9.6 | 1.7 | 52.9 | 924 |
| | 15-20 | 100.0 | 100.0 | 99.9 | 96.0 | 81.1 | 56.2 | 31.2 | 16.4 | 3.9 | 64.3 | 2.2 |
| | 21-23 | 100.0 | 100.0 | 99.9 | 99.6 | 96.5 | 85.3 | 59.4 | 28.6 | 7.8 | 73.5 | 924 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TO | TALS | 100.0 | 100.0 | 99.2 | 93.9 | 82.4 | 69.4 | 51.0 | 28.8 | 8 - 1 | 69.0 | 7387 |

USAFETAC 0-87-5 (OL A)

RELATIVE HUMIDITY

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| | HC RS | | | PERCENTAC | SE FREQUENCY | OF RELATIVE | HUMIDITY G | REATER THAN | | | MEAN | TOTAL NO OF |
|-------|-------|-------|-------|-----------|--------------|-------------|------------|-------------|------|------|----------|----------------|
| MONTH | (LST) | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | HUMIDITY | OBS. |
| NUV | 00-02 | 100.0 | 100.0 | 100.0 | 99.7 | 97.2 | 88.6 | 69.1 | 39.6 | 10.3 | 76,1 | 900 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 97.2 | 91.6 | 72.6 | 47.3 | 13.8 | 77.7 | 900 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 97.9 | 92.9 | 75.3 | 46.9 | 14.3 | 78.3 | 900 |
| | 05-11 | 100.0 | 100.0 | 100.0 | 98.6 | 94.3 | 81.0 | 56.0 | 29.4 | 8.4 | 72.4 | 900 |
| | 12-14 | 100.0 | 100.0 | 99.3 | 94.1 | 75.6 | 52.7 | 33.4 | 14.6 | 4.8 | 63.7 | 900 |
| | 15-17 | 100.0 | 100.0 | 99.1 | 92.0 | 70.3 | 49.0 | 30.0 | 13.0 | 3.7 | 61.3 | 900 |
| | 18-20 | 100.0 | 100.0 | 99.9 | 98.4 | 90.6 | 74.4 | 44.9 | 21.9 | 5.1 | 69.1 | 900 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 95.9 | 85.8 | 64.3 | 32.1 | 7.3 | 73.9 | 900 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 10 | PTALS | 100.0 | 100.0 | 99.8 | 97.9 | 89.9 | 77.0 | 55.8 | 30.6 | 8.5 | 71.5 | 7200 |

USAFETAC 0-8/-5 (OL A)

RELATIVE HUMIDITY

13912 STATION

RICKENRACKER AFB UH

67-70,73-78

DEC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| | HOURS | | | PERCENTAG | E FREQUENC | OF RELATIVE | HUMIDITY G | REATER THAN | | | MEAN RELATIVE | TOTAL NO OF |
|-------|-------|-------|-------|-----------|------------|-------------|------------|-------------|------|-----|------------------|----------------|
| HTMOM | (LST) | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | HUMIDITY | OBS. |
| nEC | 00-02 | 100.0 | 100.0 | 100.0 | 99.6 | 98.4 | 92.1 | 68.7 | 36.2 | 6.1 | 75,6 | 929 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.7 | 98.8 | 91.8 | 70.5 | 34.2 | 6.5 | 75.8 | 930 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.7 | 98.5 | 92.1 | 75.1 | 37.4 | 7.2 | 76.6 | 927 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.8 | 97.5 | 88.7 | 63.4 | 28.8 | 6.5 | 74.0 | 930 |
| | 12-14 | 100.0 | 100.0 | 99.9 | 98.1 | 91.1 | 67.3 | 36.7 | 17.0 | 4.2 | 67.2 | 930 |
| | 15-17 | 100.0 | 100.0 | 99.8 | 98.2 | 88.5 | 62,9 | 36.6 | 16.0 | 4.1 | 66.6 | 930 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.8 | 97.3 | 84.2 | 56.3 | 27.2 | 3.4 | 72.5 | 928 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.4 | 98.0 | 91.3 | 65.6 | 32.1 | 4.2 | 74.6 | 927 |
| | | | | | | | | | | | | |
| | | | | - | | - | | | - | | | |
| 10 | TALS | 100.0 | 100.0 | 100.0 | 99.3 | cv.0 | 83.8 | 59.1 | 28.9 | 5.3 | 72.9 | 7431 |

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RELATIVE HUMIDITY

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13912 RICKENPACKER AFE UH

67-70,73-79

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| | HOURS | | | PERCENTAG | E FREQUENCY | OF RELATIVE | HUMIDITY G | REATER THAN | | | MEAN | TOTAL |
|-------------|-------|-------|-------|-----------|-------------|-------------|------------|-------------|------|------|----------|---------------|
| MONTH | (LST) | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | HUMIDITY | NO OF OBS. |
| JAN | ALL | 100.0 | 100.0 | 79.9 | 98.8 | 92.1 | 74.7 | 49.1 | 22.5 | 4.7 | 69.7 | 7432 |
| FEB | | 100.0 | 99.8 | 99.3 | 96.7 | 89.5 | 72.9 | 47.4 | 20.5 | 6.3 | 68.8 | 6754 |
| HAR | | 100.0 | 99.8 | 97.8 | 92.9 | 82.4 | 65.3 | 42.5 | 20.7 | 4.6 | u6.3 | 7439 |
| APR | | 100.0 | 99.9 | 96.3 | 86.8 | 72.8 | 56.7 | 37.2 | 17.0 | 3.6 | 62.7 | 719 |
| Ψ <u></u> Υ | | 100.0 | 100.0 | 97.4 | 89.7 | 76.7 | 61.4 | 43.8 | 24.2 | 5.5 | 65.6 | 743 |
| JUN | | 100.0 | 100.0 | 99.2 | 94.1 | 82.0 | 67.0 | 50.1 | 28.6 | 3.6 | 68.1 | 7199 |
| JUL | | 100.0 | 100.0 | 99.5 | 94.8 | 82.4 | 68.6 | 53.2 | 32.5 | ٥.٥ | 69. | 743 |
| ΔUG | | 100.0 | 100.0 | 100.0 | 97.9 | 88.8 | 75.7 | 62.0 | 41.3 | 9.1 | 73.2 | 7430 |
| SEP | | 100.0 | 100.0 | 99.4 | 95.8 | 86.6 | 75.5 | 61.9 | 40.7 | 10.9 | 72.8 | 719 |
| 70.1 | | 100.0 | 100.0 | 99.2 | 93.9 | 82.4 | 69.4 | 51.0 | 28.8 | 8.1 | 69.0 | 7387 |
| NLV | | 100.0 | 100.0 | 99.8 | 97.9 | 89,9 | 77.0 | 55.8 | 30.6 | 8.5 | 71.5 | 7200 |
| of C | | 100.0 | 100.0 | 100.0 | 99.3 | 96.0 | 83.8 | 59.1 | 28.9 | 5.3 | 72.9 | 743 |
| 101 | TALS | 100.0 | 100.0 | 99.0 | 94.9 | 85,1 | 70.7 | 51+1 | 28.0 | 6.3 | 69.2 | 87543 |

USAFETAC 0-87-5 (OL A) U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

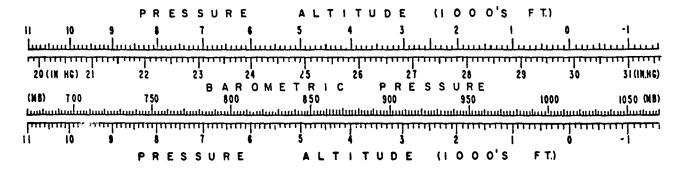
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

- 1. Station pressure is presented in the table in inches of mercury.
- 2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressurealtitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



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MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13812 R SKENRACKER AFB UH 67-70,73-79

STATION STATION NAME

| HRS ILST | 1 1 | JAN | FEB | MAR | APR . | MAY | אטנ | JUL | AUG | SEP | oct | NOV | DEC | ANNUAL |
|----------|-----------|--------|--------|----------|-------------|---------------------------------------|-------------|----------|-------------|--------|---------|---|-------|-------------|
| | MEAN | 29.268 | 29.242 | 29.1882 | 9.198 | 29.1672 | 9,177 | 29.2142 | 29.2502 | 9.2592 | 9.2802 | 9.2362 | 9.216 | 29.225 |
| 01 | S D | .265 | .220 | .222 | .212 | .166 | .132 | .118 | .101 | .130 | .165 | .194 | .236 | .190 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | | 310 | 300 | 310 | 300 | 310 | 3652 |
| | | | · | | | · · · · · · · · · · · · · · · · · · · | | | | | | | | |
| | MEAN | 29.273 | 29.231 | 29.1782 | 9.191 | 29.1592 | ٠, | 29.2087 | 29.245 | 29.256 | 9.2782 | 9.2322 | 9.221 | 29.220 |
| 04 | \$ D | .264 | | | .215 | | 25 | | | | .168 | .199 | .240 | .194 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | _310 | 310 | 300 | 309 | 300 | 310 | 3651 |
| | | | | | | | | 1 | | | | | | |
| | MEAN | 29.278 | 29.745 | 29.201,2 | 9.220 | 29.1892 | 9,201 | 29.2327 | 29.272 | 29.281 | 29.3002 | 9.2452 | 9.226 | 29.241 |
| 07 | S D | .265 | .231 | .241 | . 221 | .182 | .137 | .122 | .107 | .136 | .176 | .203 | .244 | .198 |
| [| TOTAL CBS | 310 | 282 | 310 | 300 | 310 | 299 | 310 | 310 | 300 | 309 | 300 | 310 | 3650 |
| | | | | | | | | | | | | | | |
| | MEAN | 29.305 | 29.268 | 29.2202 | 9.233 | 29.1962 | 9.208 | 29.242 | 29.2852 | 9.295 | 29.3232 | 9.2652 | 9.252 | 29.258 |
| 10 | 5 0 | •264 | .238 | .245 | . 221 | • 182 | .138 | .123 | .107 | .136 | .181 | .204 | .244 | .200 |
| | TOTAL OES | 310 | 282 | 310 | 299 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3651 |
| | | | | | | | | | | | | 1 | , | |
| | MEAN | 29.271 | 29.244 | 29.2012 | 9.209 | 29.1772 | 9.188 | 29.27.50 | 29.2662 | 29.269 | | | | 29.232 |
| 13 | 50 | .239 | .237 | .232 | .214 | • 175 | .137 | .121 | .305 | .132 | .178 | .199 | .244 | .195 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 30 0 | 310 | 310. | 300 | 310 | 300 | 310 | 3652 |
| | | | | | | | | | | | | | | |
| 1 | MEAN | , | | 29.1712 | | | | | | | | | | 29.205 |
| 16 | S D | • 254 | | | .202 | | | | | | | • | .237 | .189 |
| | TOTAL5 | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| | | | | | | | | | | | | | | |
| į | MEAN " | | | 29.1822 | | | | | | | | | | |
| 19 | S D | • 254 | | | .198 | | |) , | : | | | .192 | .233 | .187 |
| | TOTAL OBS | 309 | 281 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 309 | 3649 |
| | | | · | | | | | <u> </u> | | | | | | |
| i | MEAN | | | 29.1962 | | | | | | | | | | 29.228 |
| 22 | SD | . 255 | | | .199 | | | 1 1 | | | | .194 | .231 | .186 |
| | TOTAL 85 | 310 | 281 | 310 | 299 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 309 | 3649 |
| | | | | | | | | أحيا | | | | 1 | | |
| . | MEAN | | | 29.1922 | | | | | f | | | · • · · · · · · · · · · · · · · · · · · | | |
| HOURS | S D | •260 | | | | .172 | | .121 | | | | .198 | | |
| | TOTAL OBS | 2479 | 2254 | 2480 | 2398 | 2480 | 2399 | 2480 | 2480 | 2400 | 2478 | 2400 | 2478 | 29206 |

USAFETAC JUL 64 0-89-5 (CLA)

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MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13812 RICKENPACKER AFB 9H 67-7(),73-79

STATION NAME YEARS

| • • • • • | | | • | - | | | | | | | | | | |
|-------------|-----------|--------|---|--------|----------|-----------|--------|--------|--------|--------|--------|----------|----------|--------|
| HRS IL S T | 1 | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | oct | NOV | DEC | ANNUAL |
| | MEAN | | | | | | | | | | | 1018.0 | | 1017.3 |
| 01 | S D | 9.725 | 7.928 | 7.807 | 7.476 | 5.752 | 4.560 | 4.072 | 3.562 | 4.561 | 5.823 | 6.959 | 8.318 | 6.729 |
| | TOTAL OBS | 210 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300: | 310 | 3652 |
| | · | | | • | | | | | : | 1 | | | | |
| | MEAN | 1019.8 | 1918.3 | 1016.1 | 1016.1 | 1014.7 | 1014.9 | 1016.1 | 1017.4 | 1018.0 | 1019.1 | 1017.8 | 017.8 | 1017.2 |
| 04 | S D | | | | | | | | | | | 7.074 | | 6.896 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 299 | 310 | 300 | 310 | 3651 |
| | | | | | | | | | | | | | | |
| | MEAN | 1020.1 | 1018.8 | 1016.9 | 1017.2 | 1015.8 | 1016.0 | 1016.9 | 1018.4 | 1018.9 | 1019.9 | 1018.3 | 1018.1 | 1017.5 |
| 07 | S D | | | | | | | | | | | 7.207 | | 7.011 |
| | TOTAL OBS | | | | | | | 1 | 1 | | | | 310 | 3650 |
| | • | | | · | | | | | | | · | | | |
| | MEAN | 1021.1 | 1019.5 | 1017.5 | 1017.6 | 1016.0 | 1016.1 | 1017.3 | 1018.8 | 1019.4 | 1020.6 | 1019.0 | 018.9 | 1018.5 |
| 16 | S D | | | | | | | | | | | 7.246 | | 7.090 |
| | TOTAL OBS | | | 310 | | | _ | | | 300 | - | - | | |
| | | | | · | | | | | | | | | | |
| | MEAN | 1010.8 | 1018.8 | 1016.8 | 1016.8 | 1015.4 | 1015.5 | 1016.7 | 1018.1 | 1018.4 | 1019.4 | 1017.9 | 017.5 | 1017.6 |
| 13 | S D | 9.157 | 8.407 | 8.157 | 7.51? | 6.064 | 4.741 | 4.170 | 3.677 | 4.578 | 6.151 | 7.034 | 8.590 | 6.888 |
| | TOTAL OBS | | | 310 | | | | | | | | | 31C | |
| | | | | | | | | , | | | | | | |
| | MEAN | 1017.4 | 1017.7 | 1015.8 | 1015.6 | 1014.2 | 1014.4 | 1015.6 | 1016.9 | 1017.1 | 1018.4 | 1017.3 | 017.1 | 1016.6 |
| 16 | S D | | | | | | | | | | | 6.897 | | 6.708 |
| | TOTAL OBS | | | - | | - | 300 | | | | _ | - | | 3652 |
| | | | | · | | | | + | 1 | | | | | |
| | MEAN | 1020.1 | 1018.4 | 1016.2 | 1015.7 | 1614.2 | 1014.2 | 1015.4 | 1016.8 | 1017.3 | 1018.9 | 1018.0 | 1017.8 | 1016.9 |
| 19 | S D | | | | | | | | | | | 6.821 | | 6.662 |
| | TOTAL OBS | | | | | - 1 | . • | 1 | 1 | | | | | 3548 |
| | | | | , | | | | | 1 | | | | | |
| | MEAN | 1020.2 | 1018.7 | 1016.7 | 1016.5 | 1015.1 | 1015.1 | 1016.2 | 1017.7 | 1018.0 | 1019.3 | 1018.27 | 1017.9 | 1017.5 |
| 22 | 5 D | | | | | | | | | | | 6.387 | | 6.597 |
| | TOTAL OBS | | _ | 1 | | 1 | - | 1 | | | | | | 3648 |
| | Ť , | | | | | | | | | | | | | |
| | MEAN | 1920.0 | 1018.6 | 1016.5 | 1016.5 | 1015.1 | 1015.2 | 1016.3 | 1017.7 | 1018.1 | 1019.3 | 1018.1 | 1017.8 | 1017.4 |
| Att | 5 D | | | | | | | | | | | 7.010 | | |
| HOURS | TOTAL OBS | | | 2480 | | | | | | | | | 2478 | |
| | | | | 2700 | 5, 5, 70 | Bo -7 (/ | | | 2 141) | | | <u> </u> | <u> </u> | |

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